

(Tel: 400-999-8863 ■ Email:Upingbio.163.com



CPE Polyclonal Antibody

Isotype IgG		
Reactivity Human;Mouse;Rat Applications WB;ELISA Gene Name CPE Protein Name Carboxypeptidase E Immunogen The antiserum was produced against synthesized peptide derived from human CPE. AA range;271-320 Specificity CPE Polyclonal Antibody detects endogenous levels of CPE protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase Observed Band 53kD Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle . Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein . Secreted. Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. Tissue Specificity Brain, Colon, Eye, Function catalytic activity: Release of C-terminal arginine or lysine residues from polypeptides, cofactor: Binds 1 zinc lon per subunit, function Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing, Processes proinsulin, similarity, Belongs to the peptidase M14 family, subcellular location: Secretory granules of pancreatic islets, adrenal gland, pitulitary and brain. Background carboxypeptidase E; CPE; Homo sapiens This gene encoded preproprolein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein in the membrane protein in the protein cleaves C-terminal amino acid residues and its involved in the membrane protein in a membrane protein in the residues and sinvolved in the	Catalog No	YP-Ab-03785
Applications WB;ELISA Gene Name CPE Protein Name Carboxypeptidase E Immunogen The antiserum was produced against synthesized peptide derived from human CPE. AA range:271-320 Specificity CPE Polyclonal Antibody detects endogenous levels of CPE protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase Observed Band 53kD Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle. Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein. Secreted, after in intragranular conditions. Tissue Specificity Brain,Colon,Eye, Function catalytic activity:Release of C-terminal arginine or lysine residues from polypeptides, cofactor:Binds 1 zinc ion per subunit, function:Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin., similarty, Belongs to the peptidase M14 family, subcellular location:Secretory granules of pancreatic islets, adrenal giand, pitulary and brain. Background Carboxypeptidase E(CPE) Homo sapiens This gene encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein in membrane protein in the reduced of the protesidues and is noved in the membrane reduced or the protein in membrane protein in encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein in the reduced or the membrane reduced or the membrane protein in the reduced or the membrane protein in the reduced or the reduced or	Isotype	IgG
Gene Name CPE Protein Name Carboxypeptidase E Immunogen The antiserum was produced against synthesized peptide derived from human CPE. AA range:271-320 Specificity CPE Polyclonal Antibody detects endogenous levels of CPE protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase Observed Band 53kD Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle . Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein. Secreted . Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. Tissue Specificity Brain, Colon, Eye, Function catalytic activity: Release of C-terminal arginine or lysine residual residual prohormone processing. Processes pr	Reactivity	Human;Mouse;Rat
Protein Name Carboxypeptidase E Immunogen The antiserum was produced against synthesized peptide derived from human CPE. AA range:271-320 Specificity CPE Polyclonal Antibody detects endogenous levels of CPE protein. Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase Observed Band Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle. Cytoplasmic vesicle, secretory vesicle membrane protein. Secreted. Associated with the secretory granule membrane protein. Secreted. Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. Tissue Specificity Brain, Colon, Eye, Function catalytic activity: Release of C-terminal arginine or lysine residual cheminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin, similarity: Belongs to the peptidase M14 family, subcellular location: Secretory granules of pancreatic islets, adrenal gland, pituitary and brain. Background Carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein is involved in the membrane protein is deveseed. Learning almina acid residues and is involved in the membrane protein in devesees. Learning almina acid residues and is involved in the membrane protein cleaves C-terminal amino acid residues and is involved in the	Applications	WB;ELISA
Immunogen The antiserum was produced against synthesized peptide derived from human CPE. AA range:271-320 Specificity CPE Polyclonal Antibody detects endogenous levels of CPE protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephallin convertase; Prohormone-processing carboxypeptidase Observed Band 53kD Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle. Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein. Secreted. Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. Tissue Specificity Brain,Colon,Eye, Function catalytic activity:Release of C-terminal arginine or lysine residues from polypeptides. cofactor:Binds 1 zinc ion per subunit, function:Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsuli	Gene Name	CPE
CPE. AA range:271-320 Specificity CPE Polyclonal Antibody detects endogenous levels of CPE protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase Observed Band 53kD Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle . Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein . Secreted . Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. Tissue Specificity Brain,Colon,Eye, Function catalytic activity:Release of C-terminal arginine or lysine residues from polypeptides, cofactor:Binds 1 zinc ion per subunit, function:Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin, similarity:Belongs to the peptidase M14 family, subcellular location:Secretory granules of pancreatic islets, adrenal gland, pituitary and brain. Carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Protein Name	Carboxypeptidase E
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase Observed Band 53kD Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle. Cytoplasmic vesicle, secretory vesicle membrane ; Peripheral membrane protein. Secreted. Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. Tissue Specificity Brain, Colon, Eye, Function catalytic activity: Release of C-terminal arginine or lysine residues from polypeptides, cofactor: Binds 1 zinc ion per subunit, function: Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin, similarity: Belongs to the peptidase M14 family, subcellular location: Secretory granules of pancreatic islets, adrenal gland, pitulitary and brain. Background Carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Immunogen	
Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase Observed Band 53kD Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle. Cytoplasmic vesicle, secretory vesicle membrane protein. Secreted. Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. Tissue Specificity Brain,Colon,Eye, catalytic activity: Release of C-terminal arginine or lysine residues from polypeptides, cofactor: Binds 1 zinc ion per subunit, function: Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin., similarity: Belongs to the peptidase M14 family, subcellular location: Secretory granules of pancreatic islets, adrenal gland, pituitary and brain., carboxypeptidase E(CPE) Homo sapiens M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Specificity	CPE Polyclonal Antibody detects endogenous levels of CPE protein.
Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase Observed Band 53kD Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle . Cytoplasmic vesicle, secretory vesicle membrane ; Peripheral membrane protein . Secreted . Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. Tissue Specificity Brain,Colon,Eye, Function catalytic activity:Release of C-terminal arginine or lysine residues from polypeptides, cofactor:Binds 1 zinc ion per subunit, function:Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin., similarity:Belongs to the peptidase M14 family, subcellular location:Secretory granules of pancreatic islets, adrenal gland, pituitary and brain., Carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase Observed Band 53kD Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle . Cytoplasmic vesicle, secretory vesicle membrane protein . Secreted . Associated with the secretory granule membrane protein . Secreted . Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions Tissue Specificity Brain,Colon,Eye, Function catalytic activity:Release of C-terminal arginine or lysine residues from polypeptides , cofactor:Binds 1 zinc ion per subunit, function:Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin, similarity:Belongs to the peptidase M14 family, subcellular location:Secretory granules of pancreatic islets, adrenal gland, pituitary and brain. Background carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Source	Polyclonal, Rabbit,IgG
applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase Observed Band 53kD Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle . Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein . Secreted . Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions . Tissue Specificity Brain, Colon, Eye, Function catalytic activity: Release of C-terminal arginine or lysine residues from polypeptides, cofactor: Binds 1 zinc ion per subunit, function: Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin., similarity: Belongs to the peptidase M14 family, subcellular location: Secretory granules of pancreatic islets, adrenal gland, pituitary and brain., Carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Purification	
Purity ≥90% Storage Stability -20°C/1 year Synonyms CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase Observed Band 53kD Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle . Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein . Secreted . Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions Tissue Specificity Brain,Colon,Eye, Function catalytic activity:Release of C-terminal arginine or lysine residues from polypeptides.,cofactor:Binds 1 zinc ion per subunit.,function:Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin,.similarity:Belongs to the peptidase M14 family, subcellular location:Secretory granules of pancreatic islets, adrenal gland, pituitary and brain., carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Dilution	
Synonyms CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase Observed Band SakD Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle. Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein. Secreted. Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. Tissue Specificity Brain,Colon,Eye, Function catalytic activity:Release of C-terminal arginine or lysine residues from polypeptides.,cofactor:Binds 1 zinc ion per subunit.,function:Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin.,similarity:Belongs to the peptidase M14 family.,subcellular location:Secretory granules of pancreatic islets, adrenal gland, pituitary and brain., Carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Concentration	1 mg/ml
Synonyms CPE; Carboxypeptidase E; CPE; Carboxypeptidase H; CPH; Enkephalin convertase; Prohormone-processing carboxypeptidase Observed Band 53kD Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle. Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein. Secreted. Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. Tissue Specificity Brain,Colon,Eye, Function catalytic activity:Release of C-terminal arginine or lysine residues from polypeptides.,cofactor:Binds 1 zinc ion per subunit.,function:Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin.,similarity:Belongs to the peptidase M14 family,subcellular location:Secretory granules of pancreatic islets, adrenal gland, pituitary and brain., Carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Purity	≥90%
Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle . Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein . Secreted . Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. Tissue Specificity Brain,Colon,Eye, Function catalytic activity:Release of C-terminal arginine or lysine residues from polypeptides.,cofactor:Binds 1 zinc ion per subunit.,function:Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin.,similarity:Belongs to the peptidase M14 family.,subcellular location:Secretory granules of pancreatic islets, adrenal gland, pituitary and brain., Background carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Storage Stability	-20°C/1 year
Cell Pathway [Isoform 1]: Cytoplasmic vesicle, secretory vesicle. Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein. Secreted. Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. Tissue Specificity Brain,Colon,Eye, Function catalytic activity:Release of C-terminal arginine or lysine residues from polypeptides.,cofactor:Binds 1 zinc ion per subunit.,function:Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin.,similarity:Belongs to the peptidase M14 family.,subcellular location:Secretory granules of pancreatic islets, adrenal gland, pituitary and brain., Background carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Synonyms	••••
Secretory vesícle membrane; Peripheral membrane protein. Secreted. Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. Tissue Specificity Brain,Colon,Eye, Catalytic activity:Release of C-terminal arginine or lysine residues from polypeptides.,cofactor:Binds 1 zinc ion per subunit.,function:Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin.,similarity:Belongs to the peptidase M14 family.,subcellular location:Secretory granules of pancreatic islets, adrenal gland, pituitary and brain., Carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Observed Band	53kD
Function catalytic activity:Release of C-terminal arginine or lysine residues from polypeptides.,cofactor:Binds 1 zinc ion per subunit.,function:Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin.,similarity:Belongs to the peptidase M14 family.,subcellular location:Secretory granules of pancreatic islets, adrenal gland, pituitary and brain., Carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Cell Pathway	secretory vesicle membrane ; Peripheral membrane protein . Secreted . Associated with the secretory granule membrane through direct binding to lipid
polypeptides.,cofactor:Binds 1 zinc ion per subunit.,function:Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin.,similarity:Belongs to the peptidase M14 family.,subcellular location:Secretory granules of pancreatic islets, adrenal gland, pituitary and brain., Background Carboxypeptidase E(CPE) Homo sapiens This gene encodes a member of the M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Tissue Specificity	Brain,Colon,Eye,
M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the	Function	polypeptides.,cofactor:Binds 1 zinc ion per subunit, function:Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin.,similarity:Belongs to the peptidase M14 family.,subcellular location:Secretory granules of pancreatic islets, adrenal
	Background	proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the



UpingBio technology Co.,Ltd

📞 Tel: 400-999-8863 🗷 Emall:Upingbio.163.com



protein may also function independently of its peptidase activity, as a neurotrophic factor that promotes neuronal survival, and as a sorting receptor that binds to regulated secretory pathway proteins, including prohormones. Mutations in this gene are implicated in type 2 diabetes. [provided by RefSeq, Nov 2015],

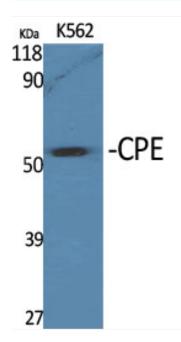
matters needing attention

Avoid repeated freezing and thawing!

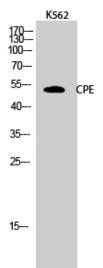
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

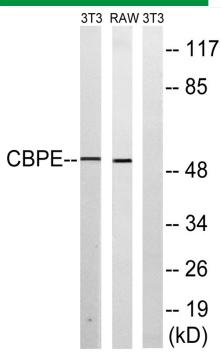
Products Images



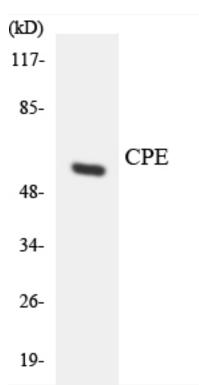
Western Blot analysis of various cells using CPE Polyclonal Antibody



Western Blot analysis of K562 cells using CPE Polyclonal Antibody



Western blot analysis of lysates from RAW264.7 and NIH/3T3 cells, using CPE Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using CPE antibody.