



CNDP2 Polyclonal Antibody

Catalog No	YP-Ab-05505
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	CNDP2 CN2 CPGL PEPA
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CNDP2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CNDP dipeptidase 2;CPGL;Cytosolic non-specific dipeptidase;EC:3.4.13.18; Glutamate carboxypeptidase-like protein 1;CNDP2;CNDP2 CN2 CPGL PEPA; Cytosolic non-specific dipeptidase (EC 3.4.13.18) (CNDP dipeptidase 2) (Glutamate carboxypeptidase-like protein 1) (Peptidase A)
Observed Band	44-53 kDa
Calculated Molecular Weight	53 kDa
Cell Pathway	Cytoplasm .
Tissue Specificity	[Isoform 1]: Ubiquitously expressed with higher levels in kidney and liver (at protein level). Expressed in peripheral blood leukocytes (PubMed:12473676). Expressed in gastric mucosa and down-regulated in gastric cancer mucosal tissues (at protein level) (PubMed:24395568). ; [Isoform 2]: Broadly expressed in fetal tissues. Expressed in adult liver and placenta.
Function	cofactor: Binds 2 zinc ions per subunit.,similarity: Belongs to the peptidase M20A family.,
Background	CNDP dipeptidase 2 (metallopeptidase M20 family)(CNDP2) Homo sapiens CNDP2, also known as tissue carnosinase and peptidase A (EC 3.4.13.18), is a nonspecific dipeptidase rather than a selective carnosinase (Teufel et al., 2003



[PubMed 12473676]).[supplied by OMIM, Mar 2008],

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