



CDK16 Polyclonal Antibody

Catalog No	YP-Ab-06740
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	CDK16 PCTK1
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CDK16 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	CDK16;PCTAIRE;PCTAIRE motif protein kinase 1;PCTAIRE protein kinase 1; PCTAIRE1;PCTGAIRE;PCTK1;CDK16 PCTK1;Cyclin-dependent kinase 16 (EC 2.7.11.22) (Cell division protein kinase 16) (PCTAIRE-motif protein kinase 1) (Serine/threonine-protein kinase PCTAIRE-1)
Observed Band	56-63 kDa
Calculated Molecular Weight	56 kDa
Cell Pathway	Cytoplasm. Cytoplasmic vesicle, secretory vesicle. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cell junction, synapse, synaptosome . Colocalizes with insulin in pancreas islets. Recruited to the cell membrane by CCNY.
Tissue Specificity	Detected in pancreas islets (at protein level). Detected in brain and pancreas.
Function	similarity:Belongs to the protein kinase superfamily.,
Background	The protein encoded by this gene belongs to the cdc2/cdkx subfamily of the ser/ thr family of protein kinases. It may play a role in signal transduction cascades in terminally differentiated cells; in exocytosis; and in transport of secretory cargo from the endoplasmic reticulum. This gene is thought to escape X inactivation. Alternative splicing results in multiple transcript variants encoding different

isoforms. [provided by RefSeq, Dec 2009],

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