

CDK16 Rabbit mAb
Catalog # AP76319**Specification**

CDK16 Rabbit mAb - Product Information

Application	WB
Primary Accession	Q00536
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	55716

CDK16 Rabbit mAb - Additional Information**Gene ID** 5127**Other Names**
CDK16**Dilution**
WB~~1/500-1/1000**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**CDK16 Rabbit mAb - Protein Information****Name** CDK16**Synonyms** PCTAIRE1, PCTK1**Function**
Protein kinase that plays a role in vesicle-mediated transport processes and exocytosis. Regulates GH1 release by brain neurons. Phosphorylates NSF, and thereby regulates NSF oligomerization. Required for normal spermatogenesis. Regulates neuron differentiation and dendrite development (By similarity). Plays a role in the regulation of insulin secretion in response to changes in blood glucose levels. Can phosphorylate CCNY at 'Ser-336' (in vitro).**Cellular Location**
Cytoplasm. Cytoplasmic vesicle, secretory vesicle {ECO:0000250|UniProtKB:Q63686} Cell membrane; Peripheral membrane protein; Cytoplasmic side. Synapse, synaptosome {ECO:0000250|UniProtKB:Q63686}. Note=Colocalizes with insulin in pancreas islets. Recruited to the cell membrane by CCNY**Tissue Location**

Detected in pancreas islets (at protein level). Detected in brain and pancreas.

CDK16 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDK16 Rabbit mAb - Images

