

CDK16 Rabbit mAb

Catalog # AP76319

Product Information

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

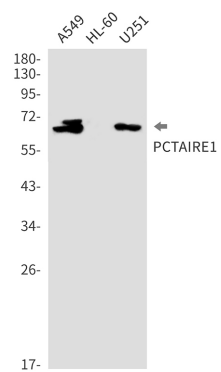
Additional Information

Gene ID	5127
Other Names	CDK16
Dilution	WB~~1/500-1/1000
Format	Liquid

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.

Images



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