

Rabbit anti-Human, Mouse CDK16 Polyclonal Antibody | anti-CDK16 antibody

CDK16 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119863	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

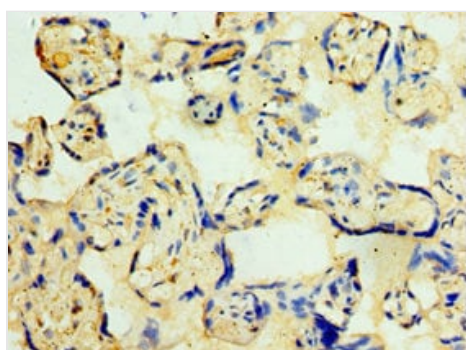
PRODUCT SYNONYMS

CDK16; Polyclonal Antibody; CDK16 Antibody; Cell division protein kinase 16; PCTAIRE-motif protein kinase 1; Serine/threonine-protein kinase PCTAIRE-1; PCTAIRE1; PCTK1; anti-CDK16 antibody

PRODUCT SPECIFICATIONS

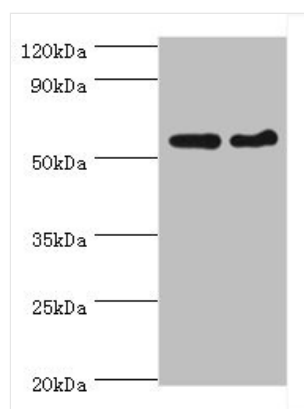
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	570
Applicable Applications for anti-CDK16 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Cyclin-dependent kinase 16 protein (277-496aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-174 / sc-22775
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA119863 at dilution 1:100



WB (Western Blot)

Western blot All lanes: CDK16 antibody at 5ug/mL Lane 1: mouse brain tissue Lane 2: mouse small intestine tissue Secondary: Goat polyclonal to rabbit at 1/10000 dilution Predicted band size: 56,64,57 kDa Observed band size: 56 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CDK16 antibody	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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	281427158
NCBI GeneID	5127
NCBI Accession #	NP_001163931.1
NCBI GenBank Nucleotide #	NM_001170460.1
UniProt Accession #	Q00536; A8K280; B7Z7C8; J3KN74; J3KQP7
Molecular Weight	56,375 Da
NCBI Official Full Name	cyclin-dependent kinase 16 isoform 3
NCBI Official Synonym Full Names	cyclin-dependent kinase 16
NCBI Official Symbol	CDK16
NCBI Official Synonym Symbols	PCTK1; PCTAIRE; PCTAIRE1; PCTGAIRE
NCBI Protein Information	cyclin-dependent kinase 16
UniProt Protein Name	Cyclin-dependent kinase 16
UniProt Gene Name	CDK16
UniProt Synonym Gene Names	PCTAIRE1; PCTK1
UniProt Entry Name	CDK16_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdk16-antibody-immunohistochemistry-western-blot-elisa/119863>