

Rabbit Cdk1 Polyclonal Antibody | anti-Cdk1 antibody

Mouse Cdk1 Antibody (C-term)

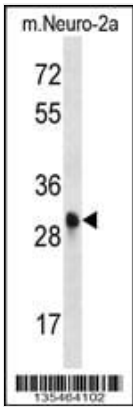
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288116	Rabbit	Human, mouse (Predicted Reactivity: Rat)	ELISA, Western Blot

PRODUCT SYNONYMS

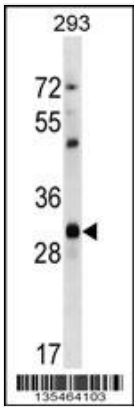
Cdk1; Polyclonal Antibody; Mouse Cdk1 Antibody (C-term); Cyclin-dependent kinase 1; CDK1; Cell division control protein 2 homolog; Cell division protein kinase 1; p34 protein kinase; Cdc2; Cdc2a; Cdkn1; anti-Cdk1 antibody

PRODUCT SPECIFICATIONS

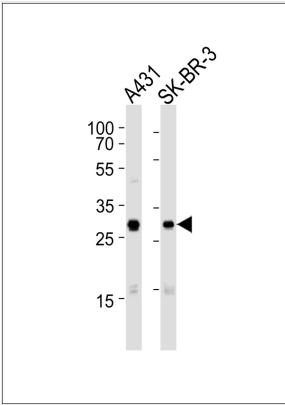
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Cdk1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 269-297 amino acids from the C-terminal region of mouse Cdk1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.393 (varies by lot)
Sequence Positions	269-297
Sequence Length	297
Applicable Applications for anti-Cdk1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Mouse Cdk1 Antibody (C-term) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the Cdk1 antibody detected the Cdk1 protein (arrow).



WB (Western Blot)
Mouse Cdk1 Antibody (C-term) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the Cdk1 antibody detected the Cdk1 protein (arrow).



WB (Western Blot)
Western blot analysis of lysates from A431, SK-BR-3 cell line (from left to right), using Mouse Cdk1 Antibody (C-term). AAA288116 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-Cdk1 antibody	Cdk1 plays a key role in the control of the eukaryotic cell cycle. It is required in higher cells for entry into S-phase and mitosis. p34 is a component of the kinase complex that phosphorylates the repetitive C-terminus of RNA polymerase II.
Product Categories/Family for anti-Cdk1 antibody	Cancer; Cell Biology; Neuroscience; Signal Transduction
References	Walker, M.P., et al. J. Endocrinol. 207(2):225-235(2010) Sansregret, L., et al. J. Biol. Chem. 285(43):32834-32843(2010) Van Horn, R.D., et al. J. Biol. Chem. 285(28):21849-21857(2010) Risley, M.D., et al. Dev. Biol. 342(2):146-156(2010) Xu, X.Y., et al. Dev. Dyn. 238(12):3025-3034(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542366
NCBI GeneID	12534
NCBI Accession #	NP_031685.2
NCBI GenBank Nucleotide #	NM_007659.3

UniProt Accession #	P11440 ; P70337 ; Q3TI12
Molecular Weight	34107
NCBI Official Full Name	cyclin-dependent kinase 1
NCBI Official Synonym Full Names	cyclin-dependent kinase 1
NCBI Official Symbol	Cdk1
NCBI Official Synonym Symbols	Cdc2; Cdc2a; p34<CDC2>
NCBI Protein Information	cyclin-dependent kinase 1
UniProt Protein Name	Cyclin-dependent kinase 1
UniProt Gene Name	Cdk1
UniProt Synonym Gene Names	Cdc2; Cdc2a; Cdkn1; CDK1
UniProt Entry Name	CDK1_MOUSE

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cdk1-antibody-western-blot-elisa/288116>