

Rabbit anti-Human CDKN1B Polyclonal Antibody | anti-CDKN1B antibody

CDKN1B Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290211	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

CDKN1B; Polyclonal Antibody; CDKN1B Antibody (C-term); Cyclin-dependent kinase inhibitor 1B; Cyclin-dependent kinase inhibitor p27; p27Kip1; KIP1; anti-CDKN1B antibody

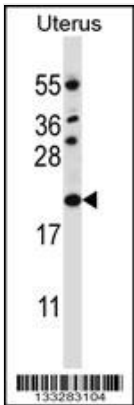
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDKN1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 147-176 amino acids from the C-terminal region of human CDKN1B.
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: 0.45 (varies by lot)
Sequence Positions	147-176
Sequence Length	198
Applicable Applications for anti-CDKN1B antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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.

IMAGES



IHC (Immunohiostchemistry)
CDKN1B Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CDKN1B Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CDKN1B Antibody (C-term) western blot analysis in human normal Uterus tissue lysates (35ug/lane).This demonstrates the CDKN1B antibody detected the CDKN1B protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN1B antibody	This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state. [provided by RefSeq].
Product Categories/Family for anti-CDKN1B antibody	Cancer; Cell biology
References	Kajihara, R., et al. Biochem. Biophys. Res. Commun. 401(3):350-355(2010) Kedde, M., et al. Nat. Cell Biol. 12(10):1014-1020(2010) Canbay, E., et al. Anticancer Res. 30(7):3093-3098(2010) Do Nascimento Borges, B., et al. In Vivo 24(4):579-582(2010) Qin, J., et al. Hepatogastroenterology 57 (99-100), 547-553 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757962
NCBI GeneID	1027
NCBI Accession #	NP_004055.1
NCBI GenBank Nucleotide #	NM_004064.4
UniProt Accession #	P46527; Q16307; Q5U0H2; Q9BUS6
Molecular Weight	22073
NCBI Official Full Name	cyclin-dependent kinase inhibitor 1B
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 1B (p27, Kip1)
NCBI Official Symbol	CDKN1B
NCBI Official Synonym Symbols	KIP1; MEN4; CDKN4; MEN1B; P27KIP1
NCBI Protein Information	cyclin-dependent kinase inhibitor 1B
UniProt Protein Name	Cyclin-dependent kinase inhibitor 1B
UniProt Gene Name	CDKN1B
UniProt Synonym Gene Names	KIP1

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://stage.aaabiotech.com/polyclonal/cdkn1b-antibody-immunohistochemistry-western-blot-elisa/290211>