

Rabbit CDKN2B Polyclonal Antibody | anti-CDKN2B antibody

CDKN2B antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201683	Rabbit	Human, Dog, Guinea Pig, Mouse, Pig, Rabbit, Rat	Western Blot

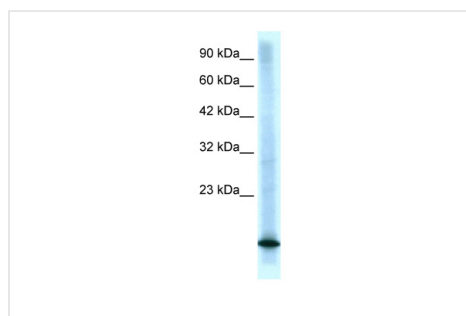
PRODUCT SYNONYMS

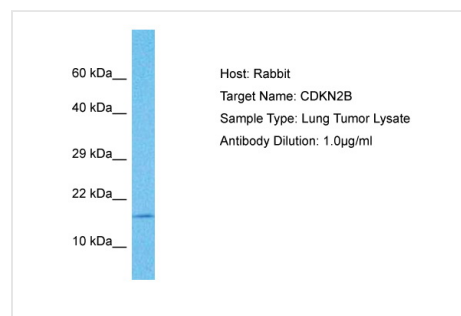
CDKN2B; Polyclonal Antibody; CDKN2B antibody - middle region; anti-CDKN2B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Dog, Guinea Pig, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RE GFLDTLVVLH RAGARLDVRD AWGRLPVDLA EERGH RDVAG YLRTATGD
Sequence Length	138
Applicable Applications for anti-CDKN2B antibody	WB (Western Blot)
Homology	Dog: 91%; Guinea Pig: 83%; Mouse: 83%; Pig: 100%; Rabbit: 91%; Rat: 83%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CDKN2B
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-CDKN2B Antibody Titration: 0.2-1 ug/ml
Positive Control: Jurkat cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: CDKN2B
Sample Tissue: Human Lung Tumor
Antibody Dilution: 1 ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN2B antibody	This is a rabbit polyclonal antibody against CDKN2B. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CDKN2B's gene lies adjacent to the tumor suppressor gene CDKN2A in a region that is frequently mutated and deleted in a wide variety of tumors. CDKN2B is a cyclin-dependent kinase inhibitor, which forms a complex with CDK4 or CDK6, and prevents the activation of the CDK kinases, thus the encoded protein functions as a cell growth regulator that controls cell cycle G1 progression. The expression of this gene was found to be dramatically induced by TGF beta, which suggested its role in the TGF beta induced growth inhibition.
Product Categories/Family for anti-CDKN2B antibody	Polyclonal; Cell Cycle Proteins; Signal Transduction; Meiosis/Mitosis/Cell Cycle; Phosphorylation; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	17981694
NCBI GeneID	1030
NCBI Accession #	NP_004927
NCBI GenBank Nucleotide #	NM_004936
UniProt Accession #	P42772
Molecular Weight	15kDa
NCBI Official Full Name	cyclin-dependent kinase 4 inhibitor B isoform 1
NCBI Official Synonym Full Names	cyclin dependent kinase inhibitor 2B
NCBI Official Symbol	CDKN2B
NCBI Official Synonym Symbols	P15; MTS2; TP15; CDK4I; INK4B; p15INK4b
NCBI Protein Information	cyclin-dependent kinase 4 inhibitor B
UniProt Protein Name	Cyclin-dependent kinase 4 inhibitor B
UniProt Gene Name	CDKN2B
UniProt Synonym Gene Names	MTS2; MTS-2; p15INK4B
UniProt Entry Name	CDN2B_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.