

Rabbit anti-Human CDKN2C Polyclonal Antibody | anti-CDKN2C antibody

CDKN2C Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288353	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

CDKN2C; Polyclonal Antibody; CDKN2C Antibody (C-term); Cyclin-dependent kinase 4 inhibitor C; Cyclin-dependent kinase 6 inhibitor; p18-INK4c; p18-INK6; CDKN6; anti-CDKN2C antibody

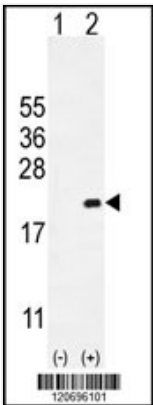
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDKN2C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 113-139 amino acids from the C-terminal region of human CDKN2C.
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: 0.27 (varies by lot)
Sequence Positions	113-139
Sequence Length	168
Applicable Applications for anti-CDKN2C 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)
CDKN2C 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 the CDKN2C Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CDKN2C (arrow) using rabbit polyclonal CDKN2C Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CDKN2C gene.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN2C antibody	The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase inhibitors. This protein has been shown to interact with CDK4 or CDK6, and prevent the activation of the CDK kinases, thus function as a cell growth regulator that controls cell cycle G1 progression. Ectopic expression of this gene was shown to suppress the growth of human cells in a manner that appears to correlate with the presence of a wild-type RB1 function. Studies in the knockout mice suggested the roles of this gene in regulating spermatogenesis, as well as in suppressing tumorigenesis. Two alternatively spliced transcript variants of this gene, which encode an identical protein, have been reported.
Product Categories/Family for anti-CDKN2C antibody	Cancer; Cell biology
References	Stratakis, C., et al. Clin. Genet. 78(5):457-463(2010) Cunningham, J.M., et al. Br. J. Cancer 101(8):1461-1468(2009) Eguchi, T., et al. Mol. Cancer Ther. 8(6):1460-1472(2009) Pei, X.H., et al. Cancer Cell 15(5):389-401(2009) Hossain, M.G., et al. Endocr. Pathol. 20(2):114-121(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502751
NCBI GeneID	1031
NCBI Accession #	NP_001253.1; NP_523240.1
NCBI GenBank Nucleotide #	NM_001262.2
UniProt Accession #	P42773; Q8TB83
Molecular Weight	18127
NCBI Official Full Name	cyclin-dependent kinase 4 inhibitor C
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)
NCBI Official Symbol	CDKN2C

NCBI Official Synonym Symbols	p18; INK4C; p18-INK4C
NCBI Protein Information	cyclin-dependent kinase 4 inhibitor C
UniProt Protein Name	Cyclin-dependent kinase 4 inhibitor C
UniProt Gene Name	CDKN2C
UniProt Synonym Gene Names	CDKN6
UniProt Entry Name	CDN2C_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cdkn2c-antibody-immunohistochemistry-western-blot-elisa/288353>