

Rabbit anti-Human, mouse CDKN1C Polyclonal Antibody | anti-CDKN1C antibody

CDKN1C Antibody (N-term)

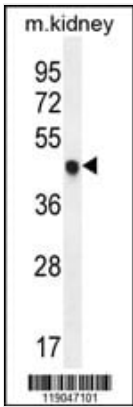
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285808	Rabbit	Human, mouse	Western Blot, ELISA, Immunofluorescence

PRODUCT SYNONYMS

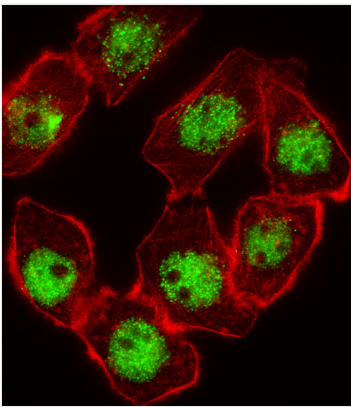
CDKN1C; Polyclonal Antibody; CDKN1C Antibody (N-term); Cyclin-dependent kinase inhibitor 1C; Cyclin-dependent kinase inhibitor p57; p57Kip2; KIP2; anti-CDKN1C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDKN1C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 34-64 amino acids from the N-terminal region of human CDKN1C.
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: 0.3 (varies by lot)
Sequence Positions	34-64
Sequence Length	316
Applicable Applications for anti-CDKN1C antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
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.



WB (Western Blot)
CDKN1C Antibody (N-term) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the CDKN1C antibody detected the CDKN1C protein (arrow).



IF (Immunofluorescence)
Fluorescent image of A549 cell stained with CDKN1C Antibody (N-term). A549 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with CDKN1C primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). CDKN1C immunoreactivity is localized to Nucleus significantly.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN1C antibody	This gene is imprinted, with preferential expression of the maternal allele. The encoded protein is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndrome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene.
Product Categories/Family for anti-CDKN1C antibody	Cancer; Cell biology
References	O'Seaghdha, C.M., et al. Hum. Mol. Genet. 19(21):4296-4303(2010) Madhavan, J., et al. Ophthalmic Genet. 31(3):141-146(2010) Romanelli, V., et al. Am. J. Med. Genet. A 152A (6), 1390-1397 (2010) : Hoffner, L., et al. J Reprod Med 55 (5-6), 219-228 (2010) : Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557441
NCBI GeneID	1028
NCBI Accession #	NP_000067.1; NP_001116102.1; NP_001116103.1
NCBI GenBank Nucleotide #	NM_000076.2
UniProt Accession #	P49918
Molecular Weight	32177
NCBI Official Full Name	cyclin-dependent kinase inhibitor 1C isoform a
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 1C (p57, Kip2)
NCBI Official Symbol	CDKN1C
NCBI Official Synonym Symbols	BWS; WBS; p57; BWCR; KIP2; p57Kip2

NCBI Protein Information	cyclin-dependent kinase inhibitor 1C
UniProt Protein Name	Cyclin-dependent kinase inhibitor 1C
UniProt Gene Name	CDKN1C
UniProt Synonym Gene Names	KIP2
UniProt Entry Name	CDN1C_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://stage.aaabiotech.com/polyclonal/cdkn1c-antibody-western-blot-immunofluorescence-elisa/285808>