

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

CDKN1C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39216	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

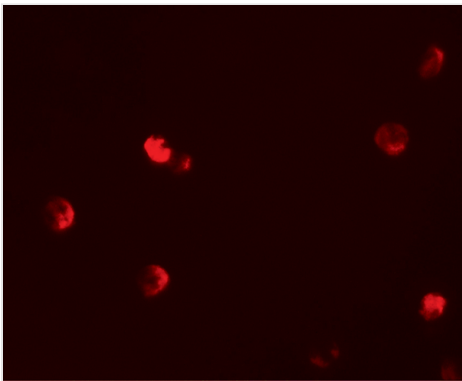
PRODUCT SYNONYMS

CDKN1C; Polyclonal Antibody; CDKN1C Antibody; BWS; WBS; p57; BWCR; KIP2; p57Kip2; Cyclin-dependent kinase inhibitor 1C; Cyclin-dependent kinase inhibitor p57; cyclin-dependent kinase inhibitor 1C (p57; Kip2); anti-CDKN1C antibody

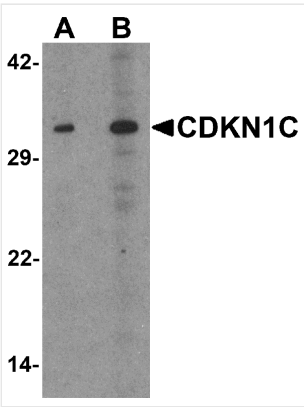
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of CDKN1C are known to exist; this antibody will detect all three isoforms. Despite its predicted molecular weight, CDKN1C often migrates at 57kDa in SDS-PAGE. CDKN1C antibody is predicted to not cross react with other CIP/KIP proteins.
Purity/Purification	CDKN1C Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	316
Applicable Applications for anti-CDKN1C antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CDKN1C antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human CDKN1C.
Buffer	CDKN1C Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CDKN1C antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of CDKN1C in 293 cells with CDKN1C antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of CDKN1C in 293 cell lysate with CDKN1C antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN1C antibody	CDKN1C Antibody: The cyclin-dependent kinase inhibitor 1C (CDKN1C), also known as p57KIP2, 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, a cancer-predisposing syndrome, suggesting that this gene is a tumor suppressor candidate. CDKN1C is widely expressed during organogenesis with its expression declining after maturity. It is part of the CIP/KIP family of cyclin-dependent inhibitors (CKIs) which also includes CDKN1A and CDKN1B.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557441
NCBI GeneID	1028
NCBI Accession #	NP_000067
NCBI GenBank Nucleotide #	NM_000076.2
UniProt Accession #	P49918
Molecular Weight	35 kDa
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; cyclin-dependent kinase inhibitor p57
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.