

Rabbit CDKN1B/p27KIP1 Polyclonal Antibody | anti-CDKN1B/p27KIP1 antibody

[KO Validated] CDKN1B/p27KIP1 Rabbit pAb

CATALOG # AAA281669	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CDKN1B/p27KIP1; Polyclonal Antibody; [KO Validated] CDKN1B/p27KIP1 Rabbit pAb; CDKN1B; CDKN4; KIP1; MEN1B; MEN4; P27KIP1; p27 KIP 1; anti-CDKN1B/p27KIP1 antibody

PRODUCT SPECIFICATIONS

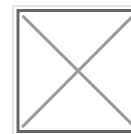
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-CDKN1B/p27KIP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human CDKN1B/p27KIP1
Cellular Location	Cytoplasm, Endosome, Nucleus
Positive Samples	MCF-7, 293T, HeLa, HepG2, NIH/3T3
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from normal (control) and CDKN1B/p27KIP1 Rabbit pAb knockout (KO) HeLa cells, using CDKN1B/p27KIP1 Rabbit pAb antibody (A7814) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CDKN1B/p27KIP1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN1B/p27KIP1 antibody

Background: 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. Mutations in this gene are associated with multiple endocrine neoplasia type IV (MEN4).

Product Categories/Family for anti-
CDKN1B/p27KIP1 antibody

Epigenetics & Nuclear Signaling; DNA Damage & Repair; Research; Signal Transduction; Kinase; Serine/threonine kinases; Research; Signal Transduction; ErbB-HER Signaling Pathway; Research; Signal Transduction; MAPK-Erk Signaling Pathway; Research; Cell Bio

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757962
NCBI GeneID	1027
NCBI Accession #	NP_004055.1
NCBI GenBank Nucleotide #	NM_004064.3
UniProt Accession #	P46527; Q16307; Q5U0H2; Q9BUS6
Molecular Weight	22,073 Da
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
UniProt Entry Name	CDN1B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdkn1b-p27kip1-antibody-immunohistochemistry-western-blot-elisa/281669>