

Rabbit CDKN3 Polyclonal Antibody | anti-CDKN3 antibody

CDKN3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA170751	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

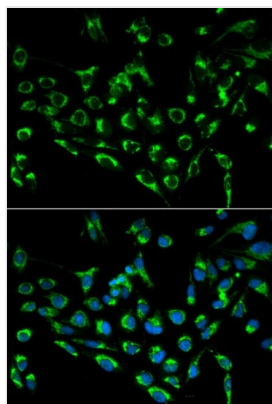
PRODUCT SYNONYMS

CDKN3; Polyclonal Antibody; CDKN3 Antibody; CDI1; CIP2; FLJ25787; KAP; KAP1; MGC70625; anti-CDKN3 antibody

PRODUCT SPECIFICATIONS

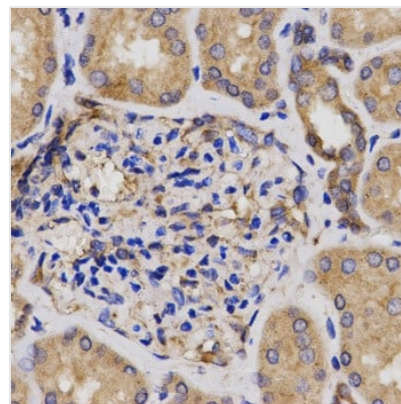
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	172
Applicable Applications for anti-CDKN3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human CDKN3
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-34165 / sc-475
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



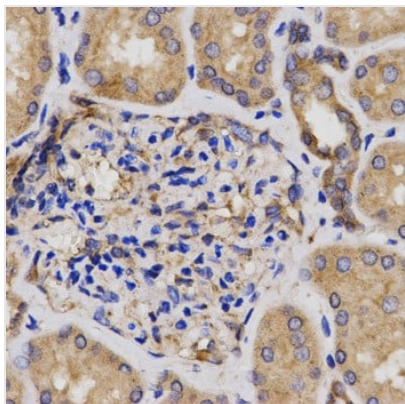
IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cell using CDKN3 antibody. Blue: DAPI for nuclear staining.



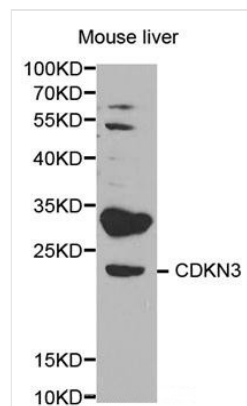
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using CDKN3 antibody at dilution of 1:200 (x400 lens)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat lung using CDKN3 antibody at dilution of 1:200 (x400 lens)



WB (Western Blot)

Western blot analysis of extracts of mouse liver, using CDKN3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN3 antibody

The protein encoded by this gene belongs to the dual specificity protein phosphatase family. It was identified as a cyclin-dependent kinase inhibitor, and has been shown to interact with, and dephosphorylate CDK2 kinase, thus prevent the activation of CDK2 kinase. This gene was reported to be deleted, mutated, or overexpressed in several kinds of cancers. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #	195927025
NCBI GeneID	1033
NCBI Accession #	NP_001124323.1
NCBI GenBank Nucleotide #	NM_001130851.1
Molecular Weight	19,359 Da
NCBI Official Full Name	cyclin-dependent kinase inhibitor 3 isoform 2
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 3
NCBI Official Symbol	CDKN3
NCBI Official Synonym Symbols	KAP; CDI1; CIP2; KAP1
NCBI Protein Information	cyclin-dependent kinase inhibitor 3; CDK2-associated dual specificity phosphatase; CDK2-associated dual-specificity phosphatase; Cdk-associated protein phosphatase; cyclin-dependent kinase interacting protein 2; cyclin-dependent kinase interactor 1; cyclin-dependent kinase-interacting protein 2; kinase associated phosphatase; kinase-associated phosphatase
UniProt Protein Name	Cyclin-dependent kinase inhibitor 3
UniProt Gene Name	CDKN3
UniProt Synonym Gene Names	CDI1; CIP2; KAP
UniProt Entry Name	CDKN3_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/cdkn3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/170751>