

Mouse CDKN3 Monoclonal Antibody | anti-CDKN3 antibody

CDKN3 antibody

CATALOG # AAA106481	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay
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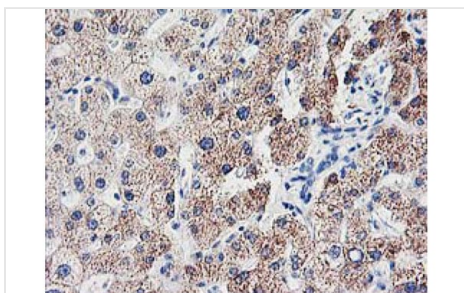
PRODUCT SYNONYMS

CDKN3; Monoclonal Antibody; CDKN3 antibody; Monoclonal CDKN3; Anti-CDKN3; Cyclin-Dependent Kinase Inhibitor 3; Cdk2-Associated Dual Specificity Phosphatase; CD11; CIP2; FLJ25787; KAP; KAP1; MGC70625; CDKN 3; CDKN-3; anti-CDKN3 antibody

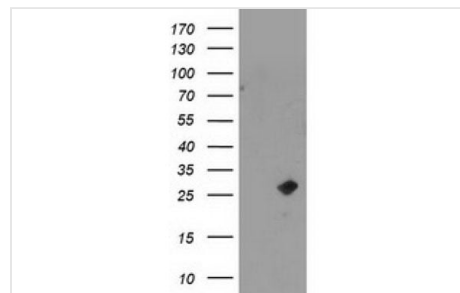
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2H1
Purity/Purification	CDKN3 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	212
Applicable Applications for anti-CDKN3 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	CDKN3 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.
Cross-Reactivity	Human
Immunogen	CDKN3 antibody was raised in mouse using a full length recombinant protein of human CDKN3 (NP_005183) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of CDKN3 protein in paraffin embedded Human liver tissue using CDKN3 antibody


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant CDKN3 protein (Right) or empty vector (Left) detected with CDKN3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN3 antibody	Mouse monoclonal CDKN3 antibody
Product Categories/Family for anti-CDKN3 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	17981704
NCBI GeneID	1033
NCBI Accession #	NP_005183
NCBI GenBank Nucleotide #	NM_005192.3
UniProt Accession #	Q16667 ; Q53ZU6 ; Q5U0M4 ; Q6P1N8 ; Q99585 ; Q9BPW7 ; Q9BY36 ; Q9C042 ; Q9C046 ; Q9C047 ; Q9C049 ; Q9C051
Molecular Weight	19,359 Da
NCBI Official Full Name	cyclin-dependent kinase inhibitor 3 isoform 1
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
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://stage.aaabiotech.com/monoclonal/cdkn3-antibody-clone-2h1-western-blot-immunohistochemistry-flow-cytometry-elisa/106481>