

Rabbit anti-Human CDKN3 Polyclonal Antibody | anti-CDKN3 antibody

CDKN3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290933	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

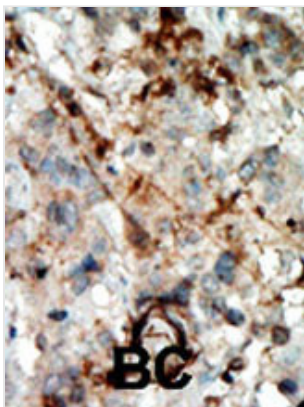
PRODUCT SYNONYMS

CDKN3; Polyclonal Antibody; CDKN3 Antibody (C-term); Cyclin-dependent kinase inhibitor 3; CDK2-associated dual-specificity phosphatase; Cyclin-dependent kinase interactor 1; Cyclin-dependent kinase-interacting protein 2; Kinase-associated phosphatase; CDI1; CIP2; KAP; anti-CDKN3 antibody

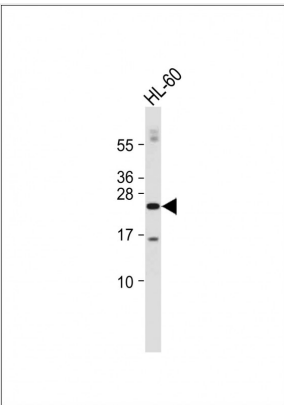
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Ig
Specificity	This CDKN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 183-212 amino acids from the C-terminal region of human CDKN3.
Purity/Purification	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Form/Format	Supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Length	212
Applicable Applications for anti-CDKN3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	Human
Antigen Region	183-212
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Dilution: IHC-P - 1:50~100Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Dilution: WB - 1:2000Anti-hCDKN3-A198 at 1:2000 dilution + HL-60 whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 24 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN3 antibody	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. The gene was reported to be deleted, mutated, or overexpressed in several kinds of cancers.
Product Categories/Family for anti-CDKN3 antibody	Signal Transduction
References	Yeh, C.T., et al., Biochem. Biophys. Res. Commun. 305(2):311-314 (2003). Yeh, C.T., et al., Cancer Res. 60(17):4697-4700 (2000). Lee, S.W., et al., Mol. Cell. Biol. 20(5):1723-1732 (2000). Poon, R.Y., et al., Science 270(5233):90-93 (1995). Hannon, G.J., et al., Proc. Natl. Acad. Sci. U.S.A. 91(5):1731-1735 (1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	2499769
NCBI GeneID	1033
UniProt Accession #	Q16667
Molecular Weight	23805 Da
NCBI Official Full Name	Cyclin-dependent kinase inhibitor 3
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.

