

Rabbit anti-Human CDKN2A Polyclonal Antibody | anti-CDKN2A antibody

CDKN2A antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA297735	Rabbit	Human	Western Blot

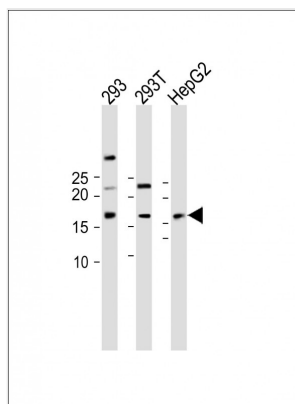
PRODUCT SYNONYMS

CDKN2A; Polyclonal Antibody; CDKN2A antibody; Cyclin-dependent kinase inhibitor 2A {ECO:0000312|HGNC:HGNC:1787}; Cyclin-dependent kinase 4 inhibitor A; CDK4I; Multiple tumor suppressor 1; MTS-1; p16-INK4a; p16-INK4; p16INK4A; Purified Rabbit Polyclonal Antibody (Pab); anti-CDKN2A antibody

PRODUCT SPECIFICATIONS

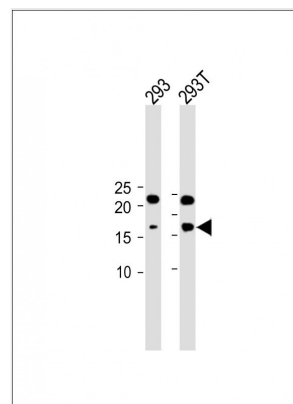
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Applicable Applications for anti-CDKN2A antibody	WB (Western Blot)
Antigen Source	Human
Antigen Type	Recombinant Protein
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



WB (Western Blot)

WB: 1:1000; All lanes: Anti-CDKN2A antibody at 1:1000 dilution
Lane 1: 293 whole cell lysate
Lane 2: 293T whole cell lysate
Lane 3: HepG2 whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution.
Observed band size: 17 KDa
Blocking/Dilution buffer: 5% NFD/MTBST.



WB (Western Blot)

WB: 1:2000; All lanes: Anti-CDKN2A antibody at 1:2000 dilution
Lane 1: 293 whole cell lysate
Lane 2: 293T whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution.
Observed band size: 17 KDa
Blocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN2A antibody	Acts as a negative regulator of the proliferation of normal cells by interacting strongly with CDK4 and CDK6. This inhibits their ability to interact with cyclins D and to phosphorylate the retinoblastoma protein.
Product Categories/Family for anti-CDKN2A antibody	New Antibodies ; Primary Antibodies ; Cancer ; Cell Biology
References	Serrano M.,et al.Nature 366:704-707(1993).Robertson K.D.,et al.Oncogene 18:3810-3820(1999).Kitagawa Y.,et al.J. Biol. Chem. 277:46289-46297(2002).Lin Y.C.,et al.Oncogene 26:7017-7027(2007).Humphray S.J.,et al.Nature 429:369-374(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502749
NCBI GeneID	1029
NCBI Accession #	NP_000068.1
NCBI GenBank Nucleotide #	NM_000077.4
UniProt Accession #	P42771 ; O95440 ; Q15191 ; Q5VVJ5 ; Q96B52 ; Q9NP05 ; A5X2G7 ; D3DRK1 ; Q8N726
Molecular Weight	16,533 Da
NCBI Official Full Name	cyclin-dependent kinase inhibitor 2A isoform p16INK4a
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 2A
NCBI Official Symbol	CDKN2A
NCBI Official Synonym Symbols	ARF; MLM; P14; P16; P19; CMM2; INK4; MTS1; TP16; CDK4I; CDKN2; INK4A; MTS-1; P14ARF; P19ARF; P16INK4; P16INK4A; P16-INK4A
NCBI Protein Information	cyclin-dependent kinase inhibitor 2A; CDK4 inhibitor p16-INK4; multiple tumor suppressor 1; cell cycle negative regulator beta; cyclin-dependent kinase 4 inhibitor A; cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)
UniProt Protein Name	Cyclin-dependent kinase inhibitor 2A, isoforms 1/2/3
UniProt Gene Name	CDKN2A
UniProt Synonym Gene Names	CDKN2; MTS1; CDK4I; MTS-1; p16-INK4; p16INK4A
UniProt Entry Name	CD2A1_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/cdkn2a-antibody-western-blot-elisa/297735>