

Rabbit anti-Mouse, Rat CDKN2A Polyclonal Antibody | anti-CDKN2A antibody

RABBIT ANTI CDKN2A

CATALOG # AAA50016	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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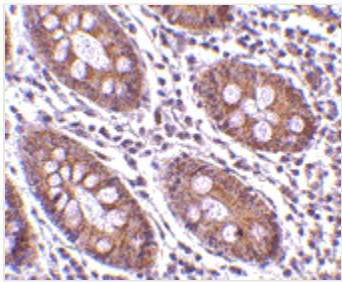
PRODUCT SYNONYMS

CDKN2A; Polyclonal Antibody; RABBIT ANTI CDKN2A; anti-CDKN2A antibody

PRODUCT SPECIFICATIONS

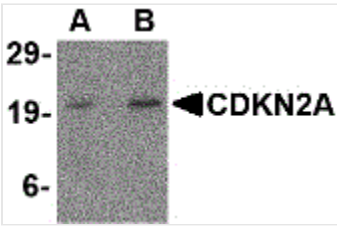
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This item recognises human cyclin-dependent kinase inhibitor 2A (CDKN2A), a 16kDa protein belonging to the CDKN2 cyclin dependent kinase inhibitor family. CDKN2A acts as a negative regulator of cell proliferation by interacting strongly with CDK4 and CDK6, thus inhibiting their ability to interact with cyclin D and to phosphorylate the retinoblastoma protein. CDKN2A is an important tumour suppressor and defects in its production results in tumour formation in a wide range of tissues, including cutaneous malignant melanoma and Li-Fraumeni syndrome.
Form/Format	Purified Purified IgG - liquid
Sequence Length	156
Applicable Applications for anti-CDKN2A antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Immunogen	A 19 amino acid peptide located near the amino terminus of human CDKN2A. Buffer Solution
Antiserum Preparation	Antiserum to human CDKN2A was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Formalin fixed, paraffin embedded human colon with Rabbit anti Mouse CDKN2A (AAA50016) following heat mediated antigen retrieval using sodium citrate buffer, (pH6.0



Application Data

Western blot analysis of mouse colon lysate probed with Rabbit anti Human CDKN2A (AAA50016) at 1(A) and 2(B) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN2A antibody	MBS222939 recognises human cyclin-dependent kinase inhibitor 2A (CDKN2A), a 16kDa protein belonging to the CDKN2 cyclin dependent kinase inhibitor family. CDKN2A acts as a negative regulator of cell proliferation by interacting strongly with CDK4 and CDK6, thus inhibiting their ability to interact with cyclin D and to phosphorylate the retinoblastoma protein. CDKN2A is an important tumour suppressor and defects in its production results in tumour formation in a wide range of tissues, including cutaneous malignant melanoma and Li-Fraumeni syndrome.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502749
NCBI GeneID	1029
NCBI Accession #	NP_000068.1
NCBI GenBank Nucleotide #	NM_000077.4
Molecular Weight	8,731 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; CDKN2A; cell cycle negative regulator beta; cyclin-dependent kinase 4 inhibitor A; cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4); multiple tumor suppressor 1
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.