

Rabbit anti-Human, Rat p16 Polyclonal Antibody | anti-p16 antibody

p16 Polyclonal Antibody

CATALOG # AAA174066	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry
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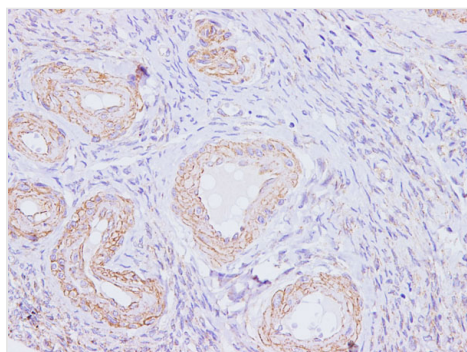
PRODUCT SYNONYMS

p16; Polyclonal Antibody; p16 Polyclonal Antibody; CCM2; CDK4 inhibitor p16 INK4; CDK4I; CDKN2; CDKN2A; Cell cycle negative regulator beta; CMM2; Cyclin dependent kinase 4 inhibitor A; Cyclin dependent kinase inhibitor 2A (melanoma p16 inhibits CDK4); Cyclin Dependent Kinase Inhibitor 2A; Cyclin dependent kinase inhibitor 2A isoform 4; Cyclin dependent kinase inhibitor 2A isoforms 1/2/3; Cyclin dependent kinase inhibitor p16; INK4; INK4A; MLM; MTS1; Multiple tumor suppressor 1; p14; P16INK4; p16INK4a; p19; p19Arf; TP16; anti-p16 antibody

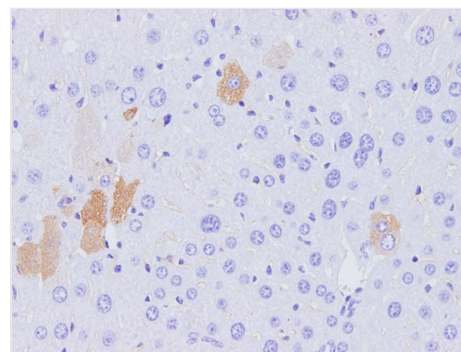
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.
Concentration	0.82 mg/mL (varies by lot)
Sequence Length	160
Applicable Applications for anti-p16 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant Rat Cyclin-dependent kinase inhibitor 2A protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian using Cdkn2a Polyclonal Antibody at dilution of 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat liver using Cdkn2a Polyclonal Antibody at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-p16 antibody	This gene generates several transcript variants which differ in their first exons. At least three alternatively spliced variants encoding distinct proteins have been reported, two of which encode structurally related isoforms known to function as inhibitors of CDK4 kinase. The remaining transcript includes an alternate first exon located 20 Kb upstream of the remainder of the gene; this transcript contains an alternate open reading frame (ARF) that specifies a protein which is structurally unrelated to the products of the other variants. This ARF product functions as a stabilizer of the tumor suppressor protein p53 as it can interact with, and sequester, the E3 ubiquitin-protein ligase MDM2, a protein responsible for the degradation of p53.
Product Categories/Family for anti-p16 antibody	Cancer; Cell Biology; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	13928746
NCBI GeneID	25163
NCBI Accession #	NP_113738.1
NCBI GenBank Nucleotide #	NM_031550.1
UniProt Accession #	Q9R0Z3; Q8QZZ9
Molecular Weight	17,307 Da
NCBI Official Full Name	cyclin-dependent kinase inhibitor 2A
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 2A
NCBI Official Symbol	Cdkn2a
NCBI Official Synonym Symbols	Arf; p16; MTS1; INK4A; p19ARF; p16Cdkn2a
NCBI Protein Information	cyclin-dependent kinase inhibitor 2A
UniProt Protein Name	Cyclin-dependent kinase inhibitor 2A
UniProt Gene Name	Cdkn2a
UniProt Synonym Gene Names	P16ink4aBy similarityManual assertion inferred from sequence similarity toUniProtKB:P51480 (CDN2A_MOUSE); CDK4I; p16; p16-INK4

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/polyclonal/p16-antibody-immunohistochemistry-elisa/174066>