

# p16 INK Antibody

Rabbit mAb

Catalog # AP90396

## Product Information

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<b>Application</b>	WB, IHC, IF, FC, ICC, IP, IHF
<b>Primary Accession</b>	<a href="#">P42771</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	CDKN2A; CDKN2; MTS1; isoforms 1/2/3; Cyclin-dependent kinase 4 inhibitor A; CDK4I; P16INK4; p16INK4a; Multiple tumor suppressor 1;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	16533

## Additional Information

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<b>Dilution</b>	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:30 FC 1:100
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human p16 INK
<b>Description</b>	p16-INK4A a cell-cycle regulatory protein that Interacts with CDK4 and CDK6, inhibiting their ability to interact with cyclins D. Inhibits the phosphorylation of the retinoblastoma protein by CDK4 or CDK6. Four alternatively spliced isoforms have been reported.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

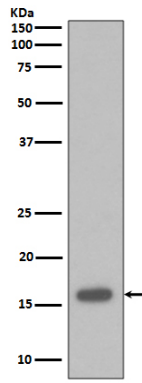
## Protein Information

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<b>Name</b>	CDKN2A ( <a href="#">HGNC:1787</a> )
<b>Synonyms</b>	CDKN2, MTS1
<b>Function</b>	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.
<b>Cellular Location</b>	Cytoplasm. Nucleus
<b>Tissue Location</b>	Widely expressed but not detected in brain or skeletal muscle. Isoform 3 is pancreas-specific

## Images

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Western blot analysis of p16 INK expression in 293T cell lysate.

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Immunohistochemical analysis of paraffin-embedded human gastric, using p16 INK Antibody.

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