

### p16 INK Antibody

Rabbit mAb Catalog # AP90396

#### **Specification**

### p16 INK Antibody - Product Information

Application WB, IHC, FC, ICC, IP

Primary Accession P42771
Clonality Monoclonal

**Other Names** 

CDKN2A; CDKN2; MTS1; isoforms 1/2/3; Cyclin-dependent kinase 4 inhibitor A; CDK4I; P16INK4;

p16INK4a; Multiple tumor suppressor 1;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 16533 Da

# p16 INK Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

**p16 INK** 

Description 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.

Storage Condition and Buffer 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.

# p16 INK Antibody - Protein Information

Name CDKN2A (HGNC:1787)

Synonyms CDKN2, MTS1

#### **Function**

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.

**Cellular Location** Cytoplasm. Nucleus

#### **Tissue Location**

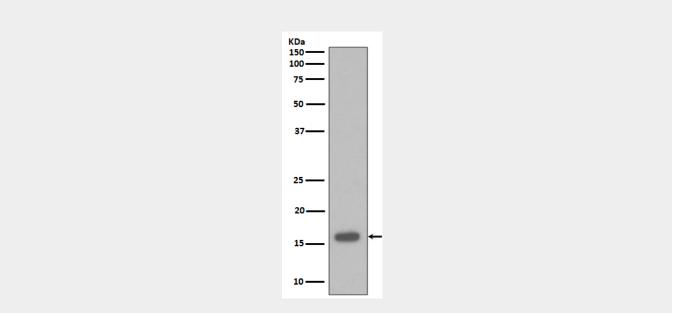
Widely expressed but not detected in brain or skeletal muscle. Isoform 3 is pancreas-specific

### p16 INK Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## p16 INK Antibody - Images



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