

**CDKN2A / p16INK4a Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11517****Specification**

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**CDKN2A / p16INK4a Antibody - Product Information**

Application	IHC
Primary Accession	<a href="#">P42771</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17kDa KDa

**CDKN2A / p16INK4a Antibody - Additional Information****Gene ID** 1029**Other Names**

Cyclin-dependent kinase inhibitor 2A, isoforms 1/2/3, Cyclin-dependent kinase 4 inhibitor A, CDK4I, Multiple tumor suppressor 1, MTS-1, p16-INK4a, p16-INK4, p16INK4A, CDKN2A, CDKN2, MTS1

**Target/Specificity**

Human p16 protein (missing the first 7 amino acids).

**Reconstitution & Storage**

+4°C or -20°C, Avoid repeated freezing and thawing.

**Precautions**

CDKN2A / p16INK4a Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**CDKN2A / p16INK4a 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

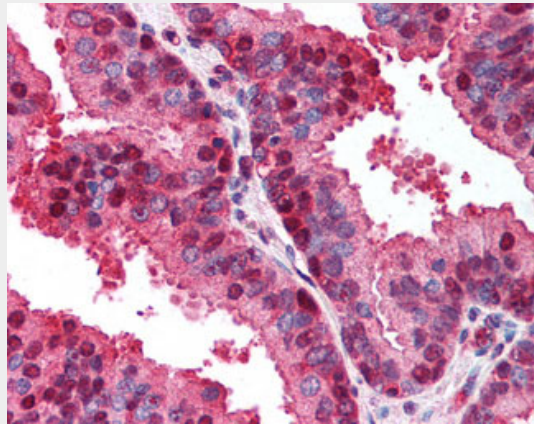
**Volume**

50 µl

**CDKN2A / p16INK4a Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CDKN2A / p16INK4a Antibody - Images**

Anti-p16INK4A antibody IHC of human prostate.

**CDKN2A / p16INK4a Antibody - Background**

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.

**CDKN2A / p16INK4a Antibody - References**

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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).  
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