

## p16 Polyclonal Antibody

**Catalog # AP73847** 

# **Specification**

## p16 Polyclonal Antibody - Product Information

Application WB
Primary Accession P42771
Reactivity Human
Host Rabbit
Clonality Polyclonal

# p16 Polyclonal Antibody - Additional Information

**Gene ID 1029** 

#### **Other Names**

CDKN2A; CDKN2; MTS1; 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

#### **Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

#### **Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

# **Storage Conditions**

-20°C

#### p16 Polyclonal 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.

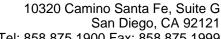
#### **Cellular Location**

Cytoplasm. Nucleus

#### **Tissue Location**

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

## p16 Polyclonal Antibody - Protocols



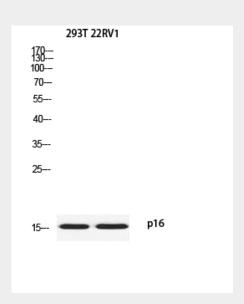


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Provided below are standard protocols that you may find useful for product applications.

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

## p16 Polyclonal Antibody - Images



Western blot analysis of 293T 22RV1 using p16 antibody. Antibody was diluted at 1:2000. Secondary antibody was diluted at 1:20000

## p16 Polyclonal 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.