

For Research Use Only

# Cdkn2a/p16INK4a Polyclonal antibody

Catalog Number: 28416-1-AP



## Basic Information

Catalog Number:

28416-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28927

GenBank Accession Number:

NM\_001040654

GeneID (NCBI):

12578

UNIPROT ID:

P51480

Full Name:

cyclin-dependent kinase inhibitor 2A

Calculated MW:

18 kDa

Observed MW:

18 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : NIH/3T3 cells, Neuro-2a cells, RAW 264.7 cells, C6 cells, mouse uterus tissue

## Background Information

Cdkn2a (cyclin-dependent kinase inhibitor 2a) is a cell cycle regulating gene encoding alternate proteins, p16Ink4a and p19Arf, that arrest the G1 phase through CDK4/6 inhibition. As they are tumor suppressors, p16Ink4a and p19Arf can be targeted for treatment of various cancers, including melanoma, cervical, and esophageal cancers.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

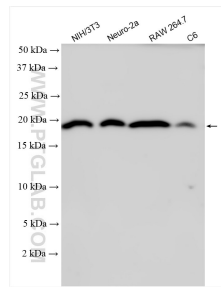
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28416-1-AP (Cdkn2a antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.