

For Research Use Only

Cdkn2a/p16INK4a Polyclonal antibody

Catalog Number: 28416-1-AP



Basic Information

Catalog Number:

28416-1-AP

Concentration:

500 ug/ml

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

For technical support and original validation data for this product please contact:

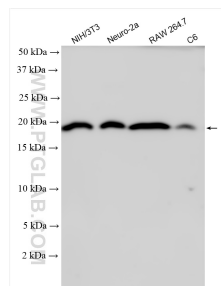
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.