

For Research Use Only

# CDKN2A/p19ARF Polyclonal antibody



Catalog Number: 28416-1-AP

## Basic Information

<b>Catalog Number:</b> 28416-1-AP	<b>GenBank Accession Number:</b> NM_001040654	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 12578	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q64364	
<b>Isotype:</b> IgG	<b>Full Name:</b> cyclin-dependent kinase inhibitor 2A	
<b>Immunogen Catalog Number:</b> AG28927	<b>Calculated MW:</b> 18 kDa	
	<b>Observed MW:</b> 19 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : NIH/3T3 cells, Neuro-2a cells, RAW 264.7 cells, C6 cells
<b>Species Specificity:</b> mouse, rat	

## 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:

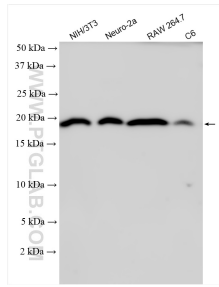
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## Selected Validation Data



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.