

For Research Use Only

# PCDHA3 Polyclonal antibody

Catalog Number: 18803-1-AP



## Basic Information

### Catalog Number:

18803-1-AP

### Size:

150ul, Concentration: 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

BC129807

### GeneID (NCBI):

56145

### UNIPROT ID:

Q9Y5H8

### Full Name:

protocadherin alpha 3

### Calculated MW:

102 kDa

### Observed MW:

102 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Species Specificity:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : Calu-3 cells, A549 cells, mouse colon tissue

IHC : mouse brain tissue, human brain tissue

## Background Information

PCDHA3 is a potential calcium-dependent cell-adhesion protein. It may be involved in the establishment and maintenance of specific neuronal connections in the brain. The antibody can recognize both the isoforms of PCDHA3.

## 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**

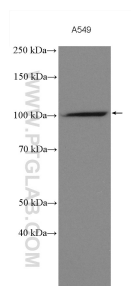
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

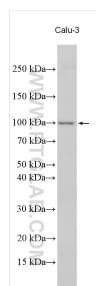
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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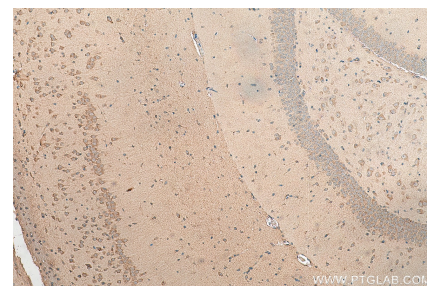
## Selected Validation Data



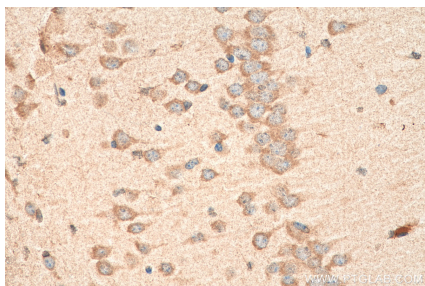
A549 cells were subjected to SDS PAGE followed by western blot with 18803-1-AP (PCDHA3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Calu-3 cells were subjected to SDS PAGE followed by western blot with 18803-1-AP (PCDHA3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 18803-1-AP (PCDHA3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 18803-1-AP (PCDHA3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).