

For Research Use Only

# PCDH8 Polyclonal antibody

Catalog Number: 14000-1-AP



## Basic Information

### Catalog Number:

14000-1-AP

### Size:

150ul , Concentration: 300 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5090

### GenBank Accession Number:

BC036025

### GeneID (NCBI):

5100

### UNIPROT ID:

O95206

### Full Name:

protocadherin 8

### Calculated MW:

1070 aa, 113 kDa

### Observed MW:

104 kDa, 113 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse

### Positive Controls:

WB : mouse brain tissue, L02 cells, Neuro-2a cells, U-251 cells, U-87 MG cells, unboiled mouse brain

## Background Information

Protocadherin-8 (PCDH8) is a member of the protocadherin family that belongs to the cadherin superfamily. Protocadherins are calcium-dependent adhesion proteins and have been implicated in neural cell-cell interactions. They are abundantly expressed in the central nervous system during embryonic development and in adulthood (PMID: 24214103). PCDH8 is a tumor suppressor involved in tumorigenesis.

## 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

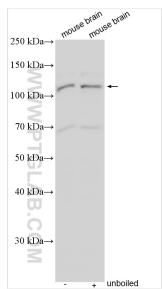
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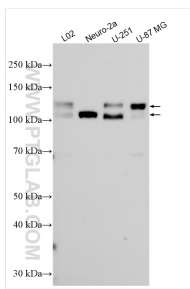
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# Selected Validation Data



mouse brain and unboiled mouse brain tissue lysates were subjected to SDS PAGE followed by western blot with 14000-1-AP (PCDH8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 14000-1-AP (PCDH8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.