

For Research Use Only

# PCDH8 Polyclonal antibody

Catalog Number: 14000-1-AP



## Basic Information

<b>Catalog Number:</b> 14000-1-AP	<b>GenBank Accession Number:</b> BC036025	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5100	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95206	
<b>Isotype:</b> IgG	<b>Full Name:</b> protocadherin 8	
<b>Immunogen Catalog Number:</b> AG5090	<b>Calculated MW:</b> 1070 aa, 113 kDa	
	<b>Observed MW:</b> 113 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, unboiled mouse brain
<b>Species Specificity:</b> human, mouse	

## 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

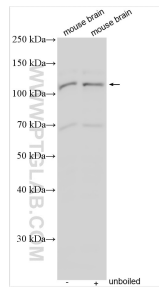
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## Selected Validation Data



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.