

For Research Use Only

# PCDH19 Polyclonal antibody

Catalog Number: 29965-1-AP



## Basic Information

<b>Catalog Number:</b> 29965-1-AP	<b>GenBank Accession Number:</b> NM_001105243.1	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 57526	<b>Recommended Dilutions:</b> WB: 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TAB3	
<b>Isotype:</b> IgG	<b>Full Name:</b> protocadherin 19	
<b>Immunogen Catalog Number:</b> AG32302	<b>Calculated MW:</b> 126 kDa	
	<b>Observed MW:</b> 126 kDa	

## Applications

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

## Background Information

PCDH19 is a transmembrane protein and member of the protocadherin family. It is encoded by the X-chromosome and more than 200 mutations have been linked to the neurodevelopmental PCDH-clustering epilepsy (PCDH19-CE) syndrome. PCDH19 is a member of the non-clustered  $\delta$ 2-type protocadherins, has 6 cadherin repeats in the extracellular part, and a cytoplasmic tail containing two conserved domains (CM1 and CM2) (PMID: 36389226).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

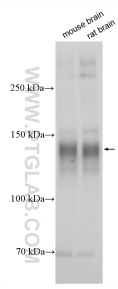
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29965-1-AP (PCDH19 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.