

For Research Use Only

# PCDHA5 Polyclonal antibody

Catalog Number: 15270-1-AP



## Basic Information

<b>Catalog Number:</b> 15270-1-AP	<b>GenBank Accession Number:</b> BC033735	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 µg/ml by Nanodrop and 173 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 56143	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> protocadherin alpha 5	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 102 kDa	
<b>Immunogen Catalog Number:</b> AG7376	<b>Observed MW:</b> 102 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

human, mouse, rat

**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 : mouse brain tissue, human brain tissue

IHC : mouse cerebellum tissue, human gliomas tissue, rat cerebellum tissue, human brain tissue, human lung tissue

## Background Information

### 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

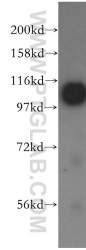
For technical support and original validation data for this product please contact:

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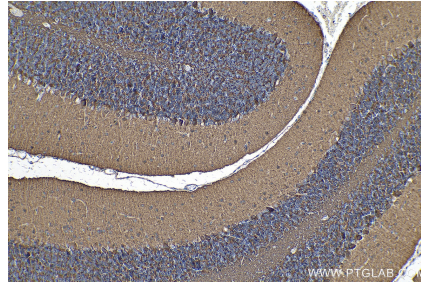
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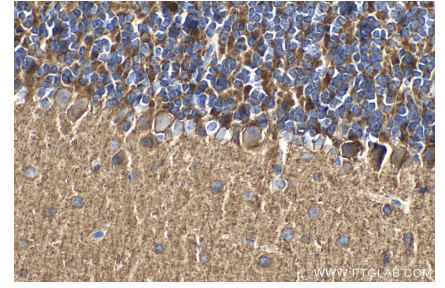
## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 15270-1-AP (PCDHA5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 15270-1-AP (PCDHA5 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 15270-1-AP (PCDHA5 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).