

For Research Use Only

# PTCHD4 Polyclonal antibody

Catalog Number: 33489-1-AP



## Basic Information

<b>Catalog Number:</b> 33489-1-AP	<b>GenBank Accession Number:</b> BC137359	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 442213	<b>Recommended Dilutions:</b> WB: 1:500-1:2000 IHC: 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6ZW05	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 6 open reading frame 138	
<b>Immunogen Catalog Number:</b> AG37091	<b>Observed MW:</b> 90 kDa	

## Applications

### Tested Applications:

WB, IHC, 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, mouse cerebellum tissue, rat brain tissue, rat cerebellum tissue

IHC : rat brain tissue,

## Background Information

PTCHD4 (Patched Domain-Containing Protein 4; formerly C6orf138) is a 96 kDa multi-pass transmembrane protein encoded at 6p12.3 that belongs to the Patched family of cholesterol/lipid transporters .

## 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

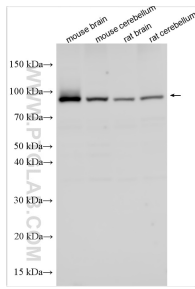
For technical support and original validation data for this product please contact:

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

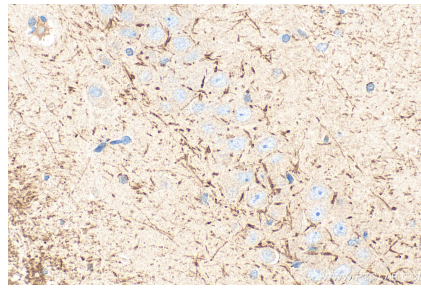
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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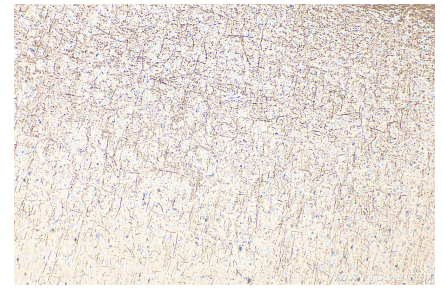
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33489-1-AP (PTCHD4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 33489-1-AP (PTCHD4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 33489-1-AP (PTCHD4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).