

For Research Use Only

# PCDHB13 Polyclonal antibody

Catalog Number: 17050-1-AP



## Basic Information

Catalog Number:

17050-1-AP

Concentration:

550 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10713

GenBank Accession Number:

BC033068

GeneID (NCBI):

56123

UNIPROT ID:

Q9Y5F0

Full Name:

protocadherin beta 13

Calculated MW:

798 aa, 88 kDa

Observed MW:

88 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, IP, ELISA

Species Specificity:

human, mouse

**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:

IP: A375 cells,

IHC: mouse brain tissue,

## Background Information

Protocadherin beta-13 (PCDHB13) is a potential calcium-dependent cell-adhesion protein. PCDHB13 may be involved in the establishment and maintenance of specific neuronal connections in the brain. PCDHB13 is highly expressed on the melanoma cell surface (PMID: 27068704). The calculated molecular weight of PCDHB13 is 88 kDa.

## 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

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

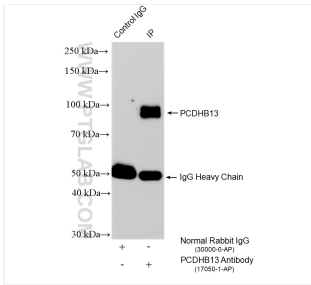
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

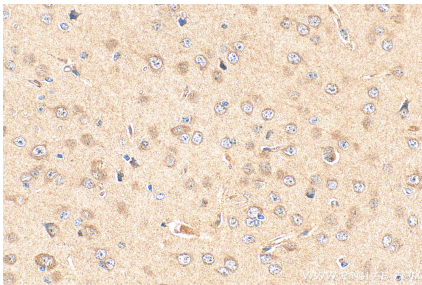
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## Selected Validation Data



IP result of anti-PCDHB13 (IP:17050-1-AP, 4ug; Detection:17050-1-AP 1:500) with A375 cells lysate 1440 ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17050-1-AP (PCDHB13 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).