

For Research Use Only

# APLP1 Polyclonal antibody

Catalog Number: 12305-2-AP

4 Publications



## Basic Information

Catalog Number:

12305-2-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2951

GenBank Accession Number:

BC012889

GeneID (NCBI):

333

UNIPROT ID:

P51693

Full Name:

amyloid beta (A4) precursor-like protein 1

Calculated MW:

650 aa, 72 kDa

Observed MW:

72 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:20-1:200

## Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

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:

WB : mouse brain tissue,

IP : mouse brain tissue,

IHC : human brain tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Mahlon Angus Collins	26401960	J Proteome Res	WB
Bastian Dislich	26139848	Mol Cell Proteomics	WB
Sabrina Simoes	33239387	Sci Transl Med	WB

## 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

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

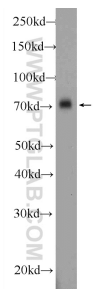
T: 4006900926

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

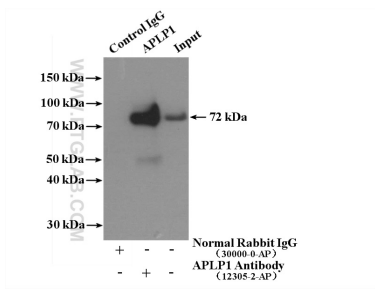
W: [ptgcn.com](http://ptgcn.com)

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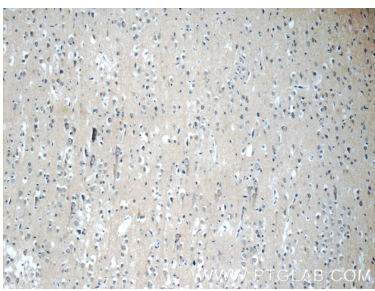
Selected Validation Data



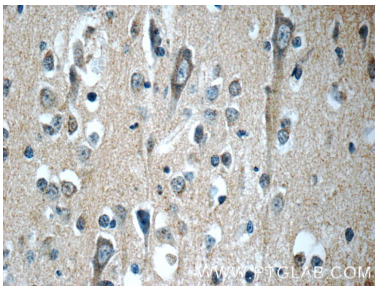
mouse brain tissue were subjected to SDS PAGE followed by western blot with 12305-2-AP (APLP1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-APLP1 (IP:12305-2-AP, 4ug; Detection:12305-2-AP 1:600) with mouse brain tissue lysate 3160 ug.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 12305-2-AP (APLP1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 12305-2-AP (APLP1 Antibody) at dilution of 1:50 (under 40x lens).