

For Research Use Only

# APLP1 Polyclonal antibody

Catalog Number: 12305-2-AP **4 Publications**



## Basic Information

**Catalog Number:**

12305-2-AP

**Size:**

150UL, Concentration: 167 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2951

**GenBank Accession Number:**

BC012889

**GeneID (NCBI):**

333

**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 IP and 1:500-1:1000 for WB  
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
Kuhn Peer-Hendrik PH	22728825	EMBO J	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

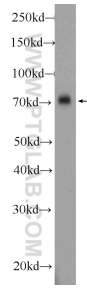
For technical support and original validation data for this product please contact:

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

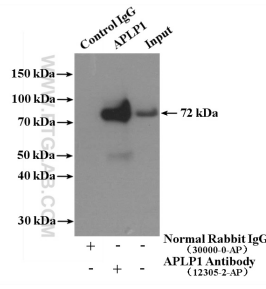
E: proteintech@ptglab.com  
W: ptglab.com

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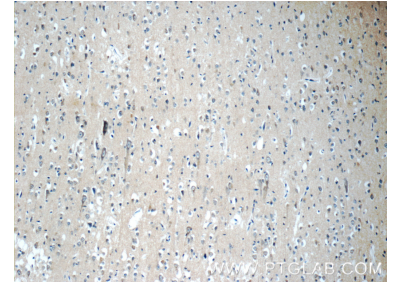
## Selected Validation Data



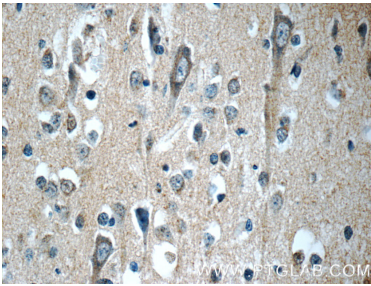
mouse brain tissue were subjected to SDS PAGE followed by western blot with 12305-2-AP (APLP1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).