

For Research Use Only

CLIP-115/CLIP2 Polyclonal antibody



Catalog Number: 25088-1-AP

Featured Product

Basic Information

Catalog Number:

25088-1-AP

Size:

950 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18692

GenBank Accession Number:

BC150332

GeneID (NCBI):

7461

UNIPROT ID:

Q9UDT6

Full Name:

CAP-GLY domain containing linker protein 2

Calculated MW:

1011 aa, 112 kDa

Observed MW:

110-120 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:5000-1:50000

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

IHC 1:400-1:1600

Applications

Tested Applications:

IHC, IP, 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: RAW 264.7 cells, A549 cells, rat brain tissue, mouse brain tissue, mouse cerebellum tissue, rat cerebellum tissue

IP: mouse brain tissue,

IHC: mouse brain tissue,

Background Information

CLIP-2/CLIP-115 is a cytoplasmic linker protein (CLIP) that links membranous organelles to microtubules. CLIP-115 is enriched in the axonal growth cone and it enables neuronal polarization by controlling the stabilization of microtubules. Mutation of CLIP-115 has been associated with Williams-Beuren syndrome.

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:

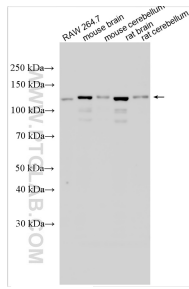
T: 4006900926

E: Proteintech-CN@ptglab.com

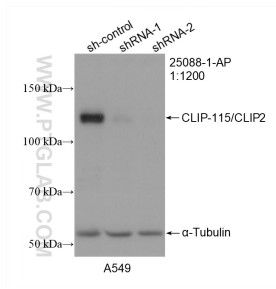
W: ptgcn.com

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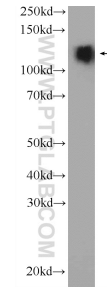
Selected Validation Data



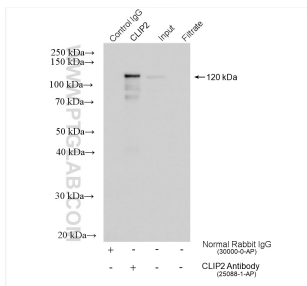
Various lysates were subjected to SDS PAGE followed by western blot with 25088-1-AP (CLIP-115/CLIP2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



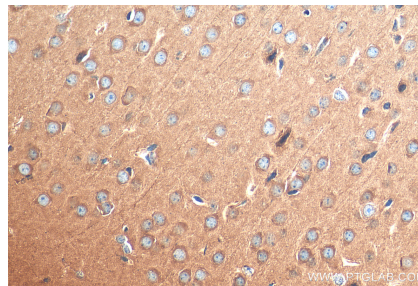
WB result of CLIP-115/CLIP2 antibody (25088-1-AP; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-CLIP-115/CLIP2 transfected A549 cells.



mouse brain tissue were subjected to SDS PAGE followed by western blot with 25088-1-AP (CLIP-115/CLIP2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-CLIP-115/CLIP2 (IP:25088-1-AP, 4ug; Detection:25088-1-AP 1:15000) with mouse brain tissue lysate 1080 ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25088-1-AP (CLIP-115/CLIP2 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).