

For Research Use Only

ADAMTSL4 Polyclonal antibody

Catalog Number: 15304-1-AP **4 Publications**



Basic Information

| | | |
|--|--|--|
| Catalog Number: 15304-1-AP | GenBank Accession Number: BC027478 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 54507 | Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB IHC 1:50-1:500 |
| Source: Rabbit | Full Name: ADAMTS-like 4 | |
| Isotype: IgG | Calculated MW: 117 kDa | |
| Immunogen Catalog Number: AG7781 | Observed MW: 65-70 kDa | |

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IF, IHC, IP, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, 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, human liver tissue, mouse lung tissue, mouse skeletal muscle tissue

IP: mouse brain tissue,

IHC: mouse skeletal muscle tissue, human colon cancer tissue, human liver tissue, human skeletal muscle tissue

Background Information

Notable Publications

| Author | Pubmed ID | Journal | Application |
|---------------|-----------|--------------------|-------------|
| Rohtem Aviram | 29758265 | Matrix Biol | WB,IP,IF |
| Hongpan Zhang | 33869274 | Front Mol Biosci | IHC, WB |
| Junyan Chen | 37873552 | Int J Nanomedicine | IHC |

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

*** 20ul sizes contain 0.1% BSA

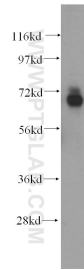
For technical support and original validation data for this product please contact:

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

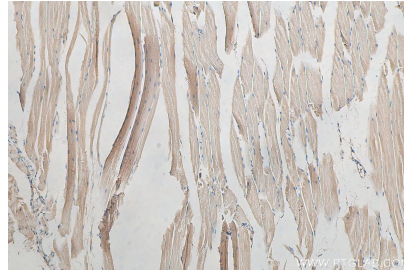
E: proteintech@ptglab.com
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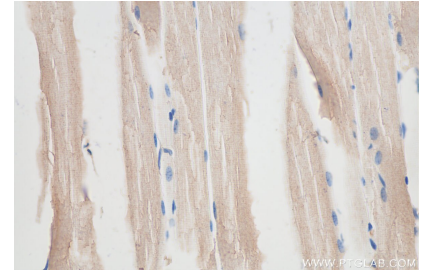
Selected Validation Data



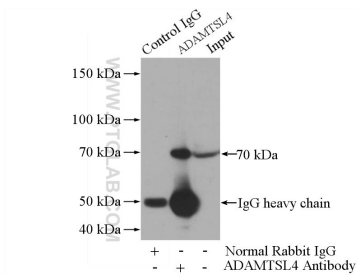
mouse brain tissue were subjected to SDS PAGE followed by western blot with 15304-1-AP (ADAMTSL4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 15304-1-AP (ADAMTSL4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 15304-1-AP (ADAMTSL4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-ADAMTSL4 (IP:15304-1-AP, 4ug; Detection:15304-1-AP 1:500) with mouse brain tissue lysate 3440ug.