

For Research Use Only

ADAM23 Polyclonal antibody

Catalog Number:32969-1-AP



Basic Information

Catalog Number:

32969-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35744

GenBank Accession Number:

BC132765

GeneID (NCBI):

8745

UNIPROT ID:

O75077

Full Name:

ADAM metalloproteinase domain 23

Calculated MW:

832 aa, 92 kDa

Observed MW:

92 kDa, 70 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue, rat cerebellum tissue

Background Information

ADAM23 (A disintegrin and metalloprotease protein 23), also known as MDC-3 (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein 3) is a transmembrane type I glycoprotein involved with the development and maintenance of the nervous system, including neurite outgrowth, neuronal adhesion and differentiation and regulation of synaptic transmission. In addition, ADAM23 seems to participate in immune response and tumor establishment through interaction with different members of integrin receptors (PMID: 19692335). Two forms of ADAM23 have been previously described in primary cerebellar granule cells as an unprocessed precursor (100 kDa) and mature (70 kDa) protein, respectively (PMID: 29792904).

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:

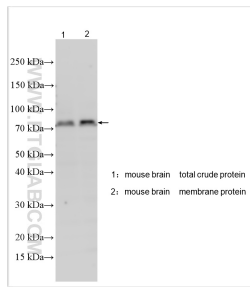
T: 4006900926

E: Proteintech-CN@ptglab.com

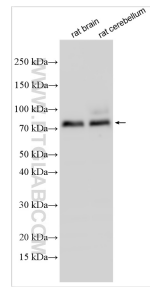
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32969-1-AP (ADAM23 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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