

For Research Use Only

ADAM19 Polyclonal antibody

Catalog Number: 22216-1-AP **1 Publications**



Basic Information

Catalog Number:

22216-1-AP

Size:

1500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17544

GenBank Accession Number:

BC024214

GeneID (NCBI):

8728

UNIPROT ID:

Q9H013

Full Name:

ADAM metallopeptidase domain 19 (meltrin beta)

Calculated MW:

955 aa, 105 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Background Information

Meltrin β (ADAM19) is a metalloprotease-disintegrin expressed in the peripheral nervous system and other organs during embryogenesis. Its specific patterns of expression during embryogenesis suggest that it is involved in the development of the peripheral nervous system, skeletal muscle, bone and heart tissue (PMID:12482604). It participates in the proteolytic processing of beta-type neuregulin isoforms which are involved in neurogenesis and synaptogenesis, suggesting a regulatory role in glial cell.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|----------|-----------|---------------------|-------------|
| Lina Sun | 33043016 | Front Cell Dev Biol | 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:

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Selected Validation Data