

ADAM22 Polyclonal antibody

Catalog Number: 14083-1-AP

Basic Information

Catalog Number:

14083-1-AP

Size:

160 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5211

GenBank Accession Number:

BC036029

GeneID (NCBI):

53616

UNIPROT ID:

Q9P0K1

Full Name:

ADAM metalloproteinase domain 22

Calculated MW:

342 aa, 40 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human, mouse, rat

Background Information

ADAM22 is a transmembrane protein with an extracellular disintegrin and catalytically inactive metalloproteinase domain that is thought to participate in cell-cell and cell-matrix interactions. It is a component of the Kv1 channel protein complex. ADAM22 is previously reported to regulate synaptic transmission and to be a binding partner of leucine-rich glioma inactivated 1 (Lgi1), which is mutated in autosomal-dominant partial epilepsy with auditory features (PMID: 20089912). It has 5 isoforms produced by alternative splicing. This protein has a signal peptide, a propeptide and 4 glycosylation sites.

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

