

For Research Use Only

# ADAM22 Polyclonal antibody

Catalog Number: 14083-1-AP



## Basic Information

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|--|---|--|
| <b>Catalog Number:</b><br>14083-1-AP   | <b>GenBank Accession Number:</b><br>BC036029          | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 160 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>53616                        |  |
| <b>Source:</b><br>Rabbit   | <b>Full Name:</b><br>ADAM metalloproteinase domain 22 |  |
| <b>Isotype:</b><br>IgG   | <b>Calculated MW:</b><br>342 aa, 40 kDa               |  |
| <b>Immunogen Catalog Number:</b><br>AG5211   |   |  |

## 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

**\*\*\* 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 W: ptglab.com

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## Selected Validation Data