

For Research Use Only

ECEL1 Polyclonal antibody

Catalog Number: 14222-1-AP



Basic Information

Catalog Number:

14222-1-AP

Size:

150ul , Concentration: 300 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5460

GenBank Accession Number:

BC050453

GeneID (NCBI):

9427

UNIPROT ID:

O95672

Full Name:

endothelin converting enzyme-like 1

Calculated MW:

88 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human, mouse, rat

Background Information

The M13 family has seven members, including ECEL1 (endothelin-converting enzyme-like 1), one of the newest members. ECEL1 is expressed predominantly in the central nervous system. It has been proposed that the enzyme has a role in the nervous regulation of the respiratory system(PMID:14992683).It may contribute to the degradation of peptide hormones and be involved in the inactivation of neuronal peptides.It has 2 isoforms produced by alternative splicing and 3 glycosylation sites.It can be detected a band of 95kDa in CHO cells by western blot because of the heavily glycosylated(PMID:10961933).

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:

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Selected Validation Data