

For Research Use Only

ITM2B Polyclonal antibody

Catalog Number: 12193-1-AP



Basic Information

Catalog Number:

12193-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2831

GenBank Accession Number:

BC016148

GeneID (NCBI):

9445

UNIPROT ID:

Q9Y287

Full Name:

integral membrane protein 2B

Calculated MW:

266 aa, 30 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : U-251 cells, fetal human brain tissue

Background Information

ITM2B plays a regulatory role in the processing of the amyloid-beta A4 precursor protein (APP) and acts as an inhibitor of the amyloid-beta peptide aggregation and fibrils deposition. It plays a role in the induction of neurite outgrowth and functions as a protease inhibitor by blocking access of secretases to APP cleavage 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

For technical support and original validation data for this product please contact:

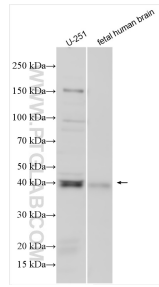
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12193-1-AP (ITM2B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.