

For Research Use Only

# ITM2B Polyclonal antibody

Catalog Number: 12193-1-AP



## Basic Information

<b>Catalog Number:</b> 12193-1-AP	<b>GenBank Accession Number:</b> BC016148	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9445	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y287	
<b>Isotype:</b> IgG	<b>Full Name:</b> integral membrane protein 2B	
<b>Immunogen Catalog Number:</b> AG2831	<b>Calculated MW:</b> 266 aa, 30 kDa	
	<b>Observed MW:</b> 40 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : U-251 cells, fetal human brain tissue
<b>Species Specificity:</b> human	

## 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

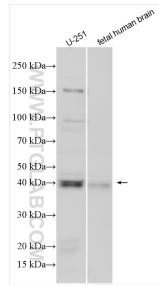
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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



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.