

For Research Use Only

# ITM2B Polyclonal antibody, PBS Only

Catalog Number: 12193-1-PBS



## Basic Information

<b>Catalog Number:</b> 12193-1-PBS	<b>GenBank Accession Number:</b> BC016148	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9445	
<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

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
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 -80°C.

**Storage Buffer:**  
PBS only, pH7.3

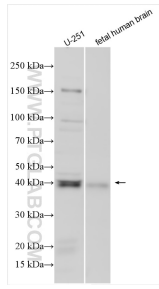
For technical support and original validation data for this product please contact:

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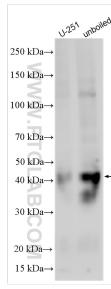
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## Selected Validation Data



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. This data was developed using the same antibody clone with 12193-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 12193-1-AP (ITM2B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12193-1-PBS in a different storage buffer formulation.