

For Research Use Only

# SPTBN4 Recombinant monoclonal antibody

Catalog Number:87776-1-RR



## Basic Information

|  |   |   |
|--|---|---|
| <b>Catalog Number:</b><br>87776-1-RR                           | <b>GenBank Accession Number:</b><br>NM_020971           | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ul , Concentration: 1000 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>57731                          | <b>CloneNo.:</b><br>253298C10                         |
| <b>Source:</b><br>Rabbit                                       | <b>UNIPROT ID:</b><br>Q9H254                            | <b>Recommended Dilutions:</b><br>WB: 1:500-1:2000     |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>spectrin, beta, non-erythrocytic 4 |   |
| <b>Immunogen Catalog Number:</b><br>AG36430                    | <b>Calculated MW:</b><br>288kDa                         |   |
|  | <b>Observed MW:</b><br>288 kDa                          |   |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>WB, ELISA         | <b>Positive Controls:</b><br>WB : mouse brain tissue, rat brain tissue, mouse cerebellum tissue |
| <b>Species Specificity:</b><br>human, mouse, rat |   |

## Background Information

SPTBN4 also known as beta-IV spectrin, encodes a nonerythrocytic member of the beta-spectrin protein family that is expressed in the brain, peripheral nervous system, pancreas, and skeletal muscle. Spectrins are rod-shaped proteins that were originally identified as part of the lattice-like cytoskeleton under the erythrocyte membrane(PMID: 11086001).

## Storage

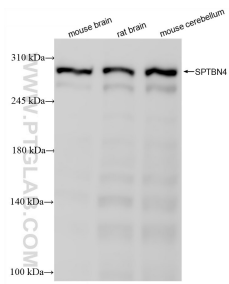
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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

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 87776-1-RR (SPTBN4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.