

For Research Use Only

# SPTBN4 Recombinant monoclonal antibody

Catalog Number:87776-1-RR



## Basic Information

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

## Applications

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

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

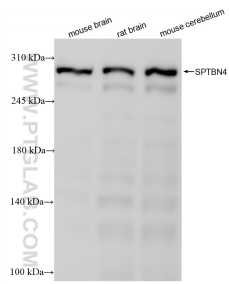
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87776-1-RR (SPTBN4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.