

For Research Use Only

SPTBN4 Polyclonal antibody

Catalog Number: 31713-1-AP



Basic Information

Catalog Number:

31713-1-AP

Concentration:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36430

GenBank Accession Number:

NM_020971

GeneID (NCBI):

57731

UNIPROT ID:

Q9H254

Full Name:

spectrin, beta, non-erythrocytic 4

Calculated MW:

288kDa

Observed MW:

250, 140 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, mouse cerebellum tissue, rat brain tissue

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:

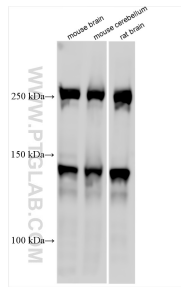
T: 4006900926

E: Proteintech-CN@ptglab.com

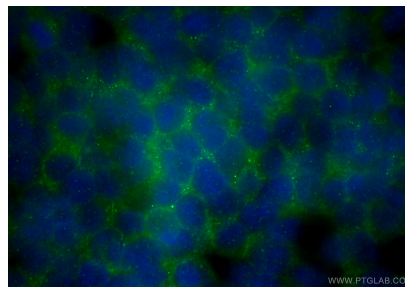
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31713-1-AP (SPTBN4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using SPTBN4 antibody (31713-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).