

**Product Name: SPTBN1 Rabbit Monoclonal Antibody****Catalog #: AMRe21369**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.3mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
<b>Purification</b>	Protein A

**Application**

<b>Dilution Ratio</b>	WB 1:2000-1:10000,IHC 1:1000-1:5000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
<b>Molecular Weight</b>	Calculated MW:275kD;Observed MW:275kD

**Antigen Information**

<b>Gene Name</b>	SPTBN1
<b>Alternative Names</b>	SPTBN1;SPTB2;Spectrin beta chain; non-erythrocytic 1;Beta-II spectrin;Fodrin beta chain;Spectrin, non-erythroid beta chain 1
<b>Gene ID</b>	6711
<b>SwissProt ID</b>	Q01082
<b>Immunogen</b>	A synthetic peptide of human SPTBN1

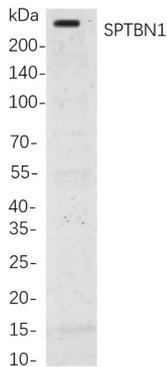
**Background**

Cell localization: Cytoplasm, Membrane. Spectrin is an actin crosslinking and molecular scaffold protein that links the plasma

membrane to the actin cytoskeleton, and functions in the determination of cell shape, arrangement of transmembrane proteins, and organization of organelles. It is composed of two antiparallel dimers of alpha- and beta- subunits. This gene is one member of a family of beta-spectrin genes. The encoded protein contains an N-terminal actin-binding domain, and 17 spectrin repeats which are involved in dimer formation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

## Research Area

## Image Data



Western blot analysis of lysates from Rat brain

cells, using SPTBN1 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.