Anti-SPTBN1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P106422

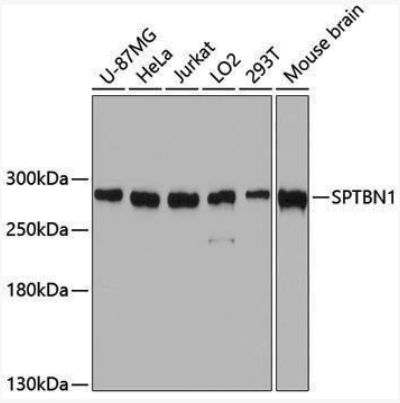
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:1000~1:3000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 2100-2200 of human SPTBN1 (NP_003119.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SPTBN1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ELF; SPTB2; DDISBA; HEL102; betaSpII; SPTBN1.
Calculated MW	Calculated MW: 275 kDa; Observed MW: 275 kDa
Uniprot ID	Q01082
Gene ID	6711
Background	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.

Validation Images



Western blot analysis of various lysates using SPTBN1 Rabbit pAb (P106422) at 1:3,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 10s.