

Rabbit anti-Human, Mouse SPTBN1 Polyclonal Antibody | anti-SPTBN1 antibody

SPTBN1

CATALOG # AAA37541	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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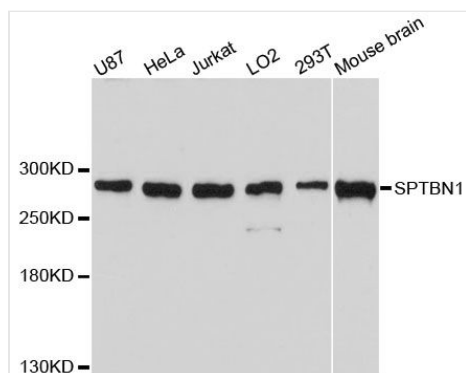
PRODUCT SYNONYMS

SPTBN1; Polyclonal Antibody; ELF; HEL102; SPTB2; betaSpII; spectrinbeta; non-erythrocytic 1; anti-SPTBN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	2364
Applicable Applications for anti-SPTBN1 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 2100-2200 of human SPTBN1(NP_003119.2).
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SPTBN1 antibody (AAA37541) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-SPTBN1 antibody	Spectrin is an actin crosslinking and molecular scaffold protein that links the plasmamembrane to the actin cytoskeleton, and functions in the determination of cell shape,arrangement of transmembrane proteins, and organization of organelles. It iscomposed of two antiparallel dimers of alpha- and beta- subunits. This gene is onemember 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 dimerformation. Multiple transcript variants encoding different isoforms have been found forthis gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112382250
NCBI GeneID	6711
NCBI Accession #	NP_003119.2
NCBI GenBank Nucleotide #	NM_003128.2
UniProt Accession #	Q01082; O60837; Q16057; Q53R99; Q59ER3; Q8IX99; B2RP63
Molecular Weight	Observed MW:275kDa Calculated MW:251kDa/253kDa/274kDa
NCBI Official Full Name	spectrin beta chain, non-erythrocytic 1 isoform 1
NCBI Official Synonym Full Names	spectrin, beta, non-erythrocytic 1
NCBI Official Symbol	SPTBN1
NCBI Official Synonym Symbols	ELF; SPTB2; betaSpII
NCBI Protein Information	spectrin beta chain, non-erythrocytic 1; beta-fodrin; beta-G spectrin; beta-spectrin 2; beta-II spectrin; beta-spectrin II; fodrin beta chain; embryonic liver beta-fodrin; spectrin beta chain, brain 1; beta-spectrin non-erythrocytic 1; spectrin, non-erythroid beta chain 1
UniProt Protein Name	Spectrin beta chain, non-erythrocytic 1
UniProt Gene Name	SPTBN1
UniProt Synonym Gene Names	SPTB2
UniProt Entry Name	SPTB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.