

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

Rabbit anti-SPTBN1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211235	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

SPTBN1; Polyclonal Antibody; Rabbit anti-SPTBN1 Antibody; Affinity Purified; beta-II spectrin; epididymis luminal protein 102; spectrin; non-erythroid beta chain 1; spectrin beta chain; non-erythrocytic 1; brain 1; SPTB2; HEL102; fodrin beta chain; embryonic liver beta-fodrin; ELF; betaSpII; beta-spectrin non-erythrocytic 1; beta-spectrin 2; beta-G spectrin; beta-fodrin; beta-spectrin II; Spectrin beta chain; spectrin beta; anti-SPTBN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-SPTBN1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 2125 and 2175
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



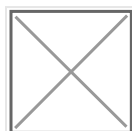
WB (Western Blot)

Detection of mouse SPTBN1 by western blot. Samples: Whole cell lysate (10 ug) from BW5147.3, NIH 3T3, and CT26 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SPTBN1 antibody (AAA211235 lot 3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



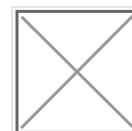
WB (Western Blot)

Detection of human SPTBN1 by western blot. Samples: Whole cell lysate (25 ug) from HeLa, HEK293T, Jurkat, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SPTBN1 antibody (AAA211235 lot 3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human SPTBN1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SPTBN1 antibody (AAA211235 lot 3) used for IP at 6 ug per reaction. SPTBN1 was also immunoprecipitated by a previous lot of this antibody (AAA211235 lot 2) and a second antibody against a different epitope of SPTBN1. For blotting immunoprecipitated SPTBN1, AAA211235 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



IHC (Immunohistochemistry)

Detection of human SPTBN1 by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-SPTBN1 (AAA211235 Lot 3) used at a dilution of 1:200 (1 ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-SPTBN1 antibody	Beta spectrin (SPTBN1) is a subunit of the spectrin cytoskeletal scaffolding protein that links the plasma membrane to cytoskeletal actin and functions in cellular shape and organelle organization.
Product Categories/Family for anti-SPTBN1 antibody	Primary Antibodies

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-eryth
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sptbn1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211235>