

Rabbit SPTAN1 Polyclonal Antibody | anti-SPTAN1 antibody

SPTAN1 Antibody (Center)

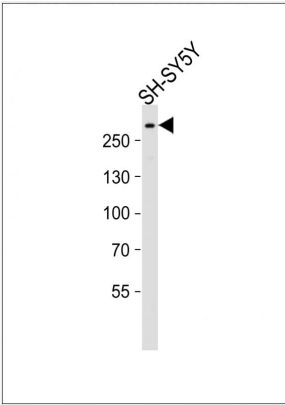
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286970	Rabbit	Human, mouse, rat	ELISA, Western Blot

PRODUCT SYNONYMS

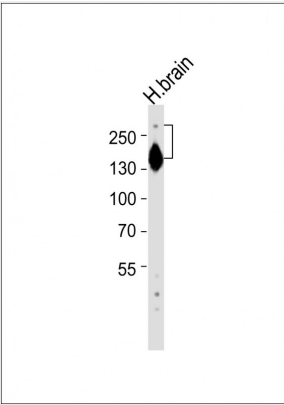
SPTAN1; Polyclonal Antibody; SPTAN1 Antibody (Center); Spectrin alpha chain; non-erythrocytic 1; Alpha-II spectrin; Fodrin alpha chain; Spectrin; non-erythroid alpha subunit; NEAS; SPTA2; anti-SPTAN1 antibody

PRODUCT SPECIFICATIONS

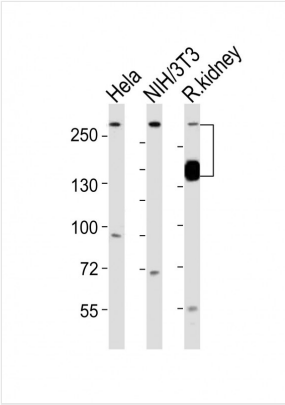
Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SPTAN1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 977-991 amino acids from the Central region of human SPTAN1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	2477
Applicable Applications for anti-SPTAN1 antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Anti-SPTAN1 Antibody (Center) at 1:2000 dilution + SH-SY5Y whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 285 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Anti-SPTAN1 Antibody (Center) at 1:2000 dilution + human brain lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 285 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
All lanes : Anti-SPTAN1 Antibody (Center) at 1:1000 dilutionLane 1: HeLa whole cell lysatesLane 2: NIH/3T3 whole cell lysatesLane 3: rat kidney lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 285 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-SPTAN1 antibody	Fodrin, which seems to be involved in secretion, interacts with calmodulin in a calcium-dependent manner and is thus candidate for the calcium-dependent movement of the cytoskeleton at the membrane.
Product Categories/Family for anti-SPTAN1 antibody	Crown Antibodies
References	Moon R.T.,et al.J. Biol. Chem. 265:4427-4433(1990). Cianci C.D.,et al.Biochemistry 38:15721-15730(1999). Kato S.,et al.Submitted (SEP-2004) to the EMBL/GenBank/DDBJ databases. Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases. Humphray S.J.,et al.Nature 429:369-374(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	194595509
NCBI GeneID	6709
NCBI Accession #	NP_001123910.1
NCBI GenBank Nucleotide #	NM_001130438.2

UniProt Accession #	Q13813 ; Q13186 ; Q15324 ; Q16606 ; Q59EF1 ; Q5VXV5 ; Q5VXV6 ; Q7Z6M5 ; Q9P0V0
Molecular Weight	284539
NCBI Official Full Name	spectrin alpha chain, non-erythrocytic 1 isoform 1
NCBI Official Synonym Full Names	spectrin, alpha, non-erythrocytic 1
NCBI Official Symbol	SPTAN1
NCBI Official Synonym Symbols	NEAS; EIEE5; SPTA2
NCBI Protein Information	spectrin alpha chain, non-erythrocytic 1
UniProt Protein Name	Spectrin alpha chain, non-erythrocytic 1
UniProt Gene Name	SPTAN1
UniProt Synonym Gene Names	NEAS; SPTA2
UniProt Entry Name	SPTN1_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/sptan1-antibody-western-blot-elisa/286970>