

Rabbit anti-Human, Rat SPTN2 Polyclonal Antibody | anti-SPTN2 antibody

SPTN2 Antibody

CATALOG # AAA319878	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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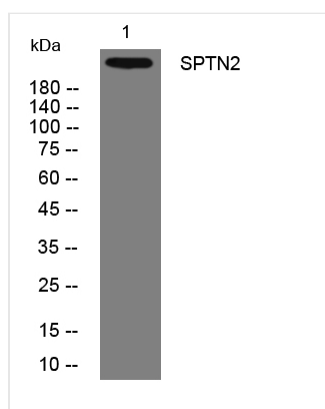
PRODUCT SYNONYMS

SPTN2; Polyclonal Antibody; SPTN2 Antibody; anti-SPTN2 antibody

PRODUCT SPECIFICATIONS

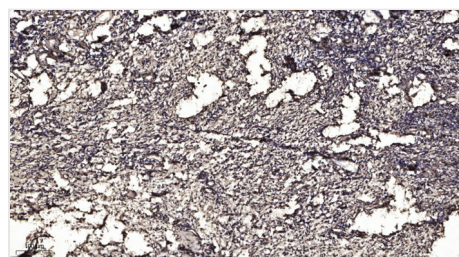
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of SPTN2 at Human/Rat
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SPTN2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from human SPTN2 AA range: 644-694
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4 degree over night



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human oophoroma. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-SPTN2 antibody	Spectrins are principle components of a cell's membrane-cytoskeleton and are composed of two alpha and two beta spectrin subunits. The protein encoded by this gene (SPTBN2), is called spectrin beta non-erythrocytic 2 or beta-III spectrin. It is related to, but distinct from, the beta-II spectrin gene which is also known as spectrin beta non-erythrocytic 1 (SPTBN1). SPTBN2 regulates the glutamate signaling pathway by stabilizing the glutamate transporter EAAT4 at the surface of the plasma membrane. Mutations in this gene cause a form of spinocerebellar ataxia, SCA5, that is characterized by neurodegeneration, progressive locomotor incoordination, dysarthria, and uncoordinated eye movements. [provided by RefSeq, Dec 2009]
Product Categories/Family for anti-SPTN2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5902122
NCBI GeneID	6712
NCBI Accession #	NP_008877.1
NCBI GenBank Nucleotide #	NM_006946.3
UniProt Accession #	O15020 ; O14872 ; O14873
Molecular Weight	268,309 Da
NCBI Official Full Name	spectrin beta chain, non-erythrocytic 2
NCBI Official Synonym Full Names	spectrin beta, non-erythrocytic 2
NCBI Official Symbol	SPTBN2
NCBI Official Synonym Symbols	SCA5; SCAR14; GTRAP41
NCBI Protein Information	spectrin beta chain, non-erythrocytic 2
UniProt Protein Name	Spectrin beta chain, non-erythrocytic 2
UniProt Gene Name	SPTBN2
UniProt Synonym Gene Names	KIAA0302; SCA5

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://www.aaabiotech.com/polyclonal/sptn2-antibody-immunohistochemistry-western-blot-elisa/319878>