

Rabbit anti-Human SPTBN2/SCA5 Polyclonal Antibody | anti-SPTBN2/SCA5 antibody

Rabbit anti-SPTBN2/SCA5 Antibody, Affinity Purified

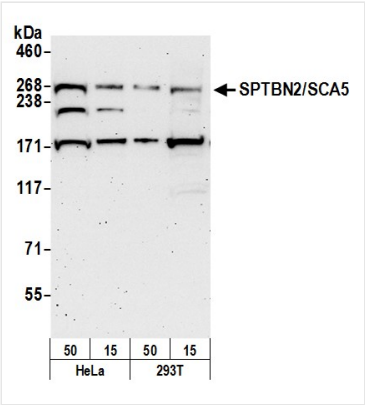
CATALOG # AAA211323	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

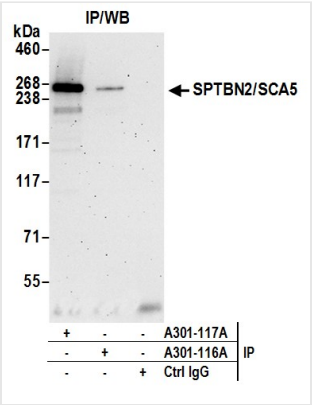
SPTBN2/SCA5; Polyclonal Antibody; Rabbit anti-SPTBN2/SCA5 Antibody; Affinity Purified; glutamate transporter EAAT4-associated protein 41; spectrin; non-erythroid beta chain 2; spectrin beta chain; non-erythrocytic 2; spectrin beta III sigma 2; spinocerebellar ataxia 5 protein; SCAR14; GTRAP41; beta-III spectrin; brain 2; SCA5; Spectrin beta chain; spectrin beta; anti-SPTBN2/SCA5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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-SPTBN2/SCA5 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 2340 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human SPTBN2/SCA5 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SPTBN2/SCA5 antibody AAA211323 (lot AAA211323-3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)
Detection of human SPTBN2/SCA5 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SPTBN2/SCA5 antibody AAA211323 (lot AAA211323-3) used for IP at 6 ug per reaction. SPTBN2/SCA5 was also immunoprecipitated by rabbit anti-SPTBN2/SCA5 antibody For blotting immunoprecipitated SPTBN2/SCA5, AAA211323 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-SPTBN2/SCA5 antibody	SPTBN2/SCA5 is a member of the beta spectrin gene family and a subunit of the spectrin cytoskeletal scaffolding protein that links the plasma membrane to cytoskeletal actin and functions in cellular shape and organelle organization. SPTBN2/SCA5 has been identified as a Golgi- and vesicle-associated spectrin. Mutations in SPTBN2/SCA5 cause spinocerebellar ataxia type 5 (SCA5), an autosomal dominant disease characterized by progressive incoordination of gait, hand, speech, and eye movements.
Product Categories/Family for anti-SPTBN2/SCA5 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://stage.aaabiotech.com/polyclonal/sptbn2-sca5-antibody-immunoprecipitation-western-blot-elisa/211323>