

Rabbit anti-Human SPTLC1 Polyclonal Antibody | anti-SPTLC1 antibody

Rabbit anti-SPTLC1 Antibody, Affinity Purified

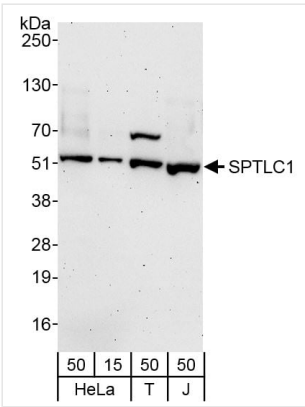
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212162	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

SPTLC1; Polyclonal Antibody; Rabbit anti-SPTLC1 Antibody; Affinity Purified; HSN1; serine palmitoyltransferase 1; SPT1; SPTI; SPT 1; serine-palmitoyl-CoA transferase 1; serine C-palmitoyltransferase; long chain base biosynthesis protein 1; LCB1; LCB 1; HSN1; LBC1; Serine palmitoyltransferase 1; serine palmitoyltransferase long chain base subunit 1; anti-SPTLC1 antibody

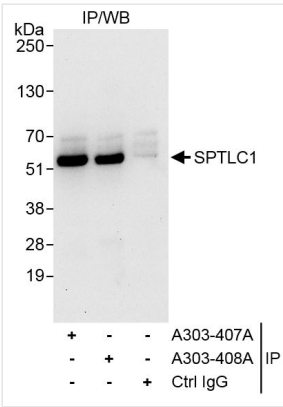
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SPTLC1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 423 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 SPTLC1 by western blot. Samples: Whole cell lysate from HeLa (15 and 50 ug), HEK293T (T; 50 ug), and Jurkat (J; 50 ug) cells. Antibody: Affinity purified rabbit anti-SPTLC1 antibody AAA212162 (lot AAA212162-1) used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human SPTLC1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-SPTLC1 antibody AAA212162 (lot AAA212162-1) used for IP at 6 ug/mg lysate. SPTLC1 was also immunoprecipitated by rabbit anti-SPTLC1 antibody which recognizes an upstream epitope. For blotting immunoprecipitated SPTLC1, AAA212162 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-SPTLC1 antibody	Serine palmitoyltransferase (SPT), which consists of two different subunits, is the key enzyme in sphingolipid biosynthesis. It converts L-serine and palmitoyl-CoA to 3-oxosphinganine with pyridoxal 5'-phosphate as a cofactor. SPTLC1 (serine palmitoyltransferase, long chain base subunit 1) is the long chain base subunit 1 of serine palmitoyltransferase. Mutations in SPTLC1 were identified in patients with hereditary sensory neuropathy type 1 [taken from NCBI Entrez Gene (Gene ID: 10558)].
Product Categories/Family for anti-SPTLC1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	10558
UniProt Accession #	O15269
UniProt Protein Name	Serine palmitoyltransferase 1
UniProt Gene Name	SPTLC1
UniProt Synonym Gene Names	LCB1; LCB 1; SPT 1; SPT1
UniProt Entry Name	SPTC1_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://www.aaabiotech.com/polyclonal/sptlc1-antibody-immunoprecipitation-western-blot-elisa/212162>