

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

Anti-SPTLC1 antibody

CATALOG # AAA44956	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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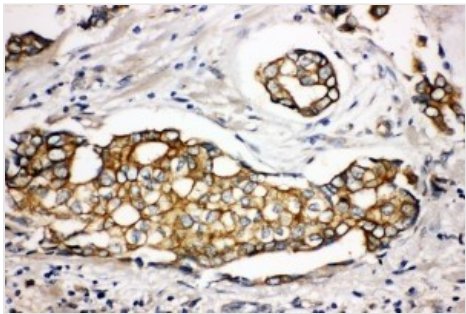
PRODUCT SYNONYMS

SPTLC1; Polyclonal Antibody; Anti-SPTLC1 antibody; Serine palmitoyltransferase 1; serine palmitoyltransferase; long chain base subunit 1; HSN antibody; HSN1 antibody; HSN1 antibody; LBC1 antibody; LCB 1 antibody; LCB1 antibody; Long chain base biosynthesis protein 1 antibody; MGC14645 antibody; Serine C palmitoyltransferase antibody; Serine palmitoyl CoA transferase 1 antibody; Serine palmitoyltransferase 1 antibody; Serine palmitoyltransferase long chain base subunit 1 antibody; Serine palmitoyltransferase subunit 1 antibody; Serine-palmitoyl-CoA transferase 1 antibody; SPT 1 antibody; SPT1 antibody; SPTC1_HUMAN antibody; SPT1 antibody; SPTLC 1 antibody; SPTLC1 antibody; anti-SPTLC1 antibody

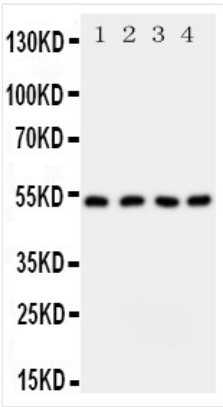
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	473
Applicable Applications for anti-SPTLC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human SPTLC1 (138-154aa FYGTFDVHLDLEDRLAK).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-SPTLC1 antibody, AAA44956, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)
Anti-SPTLC1 antibody, AAA44956, Western blottingAll lanes: Anti SPTLC1 (AAA44956) at 0.5ug/mlLane 1: SW620 Whole Cell Lysate at 40ugLane 2: S549 Whole Cell Lysate at 40ugLane 3: PANC Whole Cell Lysate at 40ugLane 4: U87 Whole Cell Lysate at 40ugPredicted bind size: 53KDObserved bind size: 53KD

ADDITIONAL INFORMATION

Related Product Information for anti-SPTLC1 antibody	Description: Rabbit IgG polyclonal antibody for Serine palmitoyltransferase 1(SPTLC1) detection. Tested with WB, IHC-P in Human. Background: SPTLC1(Serine palmitoyltransferase, long chain base subunit 1), also known as SPT1, LCB1, is a protein which in humans is encoded by the SPTLC1 gene. Dawkins et al.(2001)noted that the SPTLC1 gene maps to chromosome 9q22.1-q22.3. Serine palmitoyltransferase, which consists of two different subunits, is the initial enzyme in sphingolipid biosynthesis. It converts L-serine and palmitoyl CoA to 3-oxosphinganine with pyridoxal 5'-phosphate as a cofactor. The product of this gene is the long chain base subunit 1 of serine palmitoyltransferase. Mutations in this gene were identified in patients with hereditary sensory neuropathy type 1. Alternatively spliced variants encoding different isoforms have been identified.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6685579
NCBI GeneID	10558
UniProt Accession #	O15269; Q5VWB4; Q96IX6; A8K681
Molecular Weight	16,073 Da
NCBI Official Full Name	Serine palmitoyltransferase 1
NCBI Official Synonym Full Names	serine palmitoyltransferase, long chain base subunit 1
NCBI Official Symbol	SPTLC1
NCBI Official Synonym Symbols	HSN1; LBC1; LCB1; SPT1; SPTI; HSN1
NCBI Protein Information	serine palmitoyltransferase 1; LCB 1; SPT 1; serine C-palmitoyltransferase; serine-palmitoyl-CoA transferase 1; long chain base biosynthesis protein 1
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.

