

Serine Palmitoyltransferase, Long Chain Base Subunit 1 (SPTLC1) Antibody

Catalogue No.: abx031623



Serine palmitoyltransferase (SPT) is the key enzyme in sphingolipid biosynthesis. It catalyzes the pyridoxal-5-prime-phosphate-dependent condensation of L-serine and palmitoyl-CoA to 3-oxosphinganine.

Target: Serine Palmitoyltransferase, Long Chain Base Subunit 1 (SPTLC1)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 405-437 amino acids from the C-terminal region of human SPTLC1.

Isotype: IgG

Form: Liquid

Purification: Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: O15269 ([UniProt](#), [ExPASy](#))

Gene Symbol: SPTLC1

Datasheet

Version: 2.0.0

Revision date: 17 Aug 2025



NCBI Accession: NP_001268232.1, NP_006406.1, NP_847894.1

KEGG: hsa:10558

String: [9606.ENSP00000262554](#)

Molecular Weight: Calculated MW: 52.7 kDa

Buffer: PBS containing 0.09% sodium azide.

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