

Datasheet for ABIN5010966

**anti-SPTLC2 antibody (AbBy Fluor® 750)**[Go to Product page](#)

## Overview

|              |                                                                                 |
|--------------|---------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                          |
| Target:      | SPTLC2                                                                          |
| Reactivity:  | Human, Mouse, Rat                                                               |
| Host:        | Rabbit                                                                          |
| Clonality:   | Polyclonal                                                                      |
| Conjugate:   | This SPTLC2 antibody is conjugated to AbBy Fluor® 750                           |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human SPTLC2 |
| Isotype:          | IgG                                                        |
| Cross-Reactivity: | Human, Mouse, Rat                                          |
| Purification:     | Purified by Protein A.                                     |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | SPTLC2                                                                                                                                                                                                                                                                                                                                                            |
| Alternative Name: | SPTLC2 ( <a href="#">SPTLC2 Products</a> )                                                                                                                                                                                                                                                                                                                        |
| Background:       | Synonyms: Serine Palmitoyltransferase, SPTLC-2, LCB 2, LCB2, LCB2a, Long chain base biosynthesis protein 2, Long chain base biosynthesis protein 2a, Serine palmitoyl CoA transferase 2, Serine palmitoyltransferase 2, Serine palmitoyltransferase long chain base subunit 2, Serine palmitoyltransferase subunit II, Serine-palmitoyl-CoA transferase 2, SPT 2, |

## Target Details

SPT2, SPTC2\_HUMAN, SPTLC 2, Sptlc2.

Background: This gene encodes a long chain base subunit of serine palmitoyltransferase.

Serine palmitoyltransferase, which consists of two different subunits, 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. Mutations in this gene were identified in patients with hereditary sensory neuropathy type I. [provided by RefSeq, Mar 2011].

Gene ID: 9517

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months