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Datasheet for ABIN1386107 **anti-SPTLC2 antibody**

Overview

Quantity:	100 µL
Target:	SPTLC2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPTLC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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 (SPTLC2 Products)
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

Target Details

subunit 2, Serine palmitoyltransferase subunit II, Serine-palmitoyl-CoA transferase 2, SPT 2, 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: WB 1:300-5000
IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months