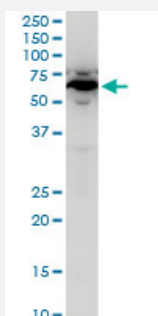


SPTLC2 polyclonal antibody (A01)

Catalog # H00009517-A01

Size 50 uL

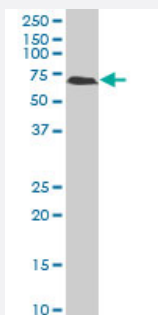
Applications



Western Blot (Cell lysate)

SPTLC2 polyclonal antibody (A01), Lot # 051123JC01. Western Blot analysis of SPTLC2 expression in NIH/3T3.

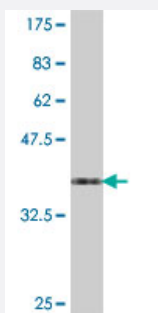
(65kDa, OMIM, <http://www.ncbi.nlm.nih.gov/entrez/dispomim.cgi?id=605722>)



Western Blot (Cell lysate)

SPTLC2 polyclonal antibody (A01), Lot # 051123JC01. Western Blot analysis of SPTLC2 expression in Raw 264.7.

(65kDa, OMIM, <http://www.ncbi.nlm.nih.gov/entrez/dispomim.cgi?id=605720>)



Western Blot detection against Immunogen (38.1 KDa) .

Specification

Product Description

Mouse polyclonal antibody raised against a partial recombinant SPTLC2.

Immunogen

SPTLC2 (NP_004854, 453 a.a. ~ 561 a.a) partial recombinant protein with GST tag.

Sequence	LKEMGFIIYGNEDSPVVPLMLYMPAKIGAFGREMLKRNIGVVVVGFPATPIIESRARFCLSAHTKEI LDTALKEIDEVGDLLQLKYSRHLVPLLDRPFDETTYEETE
Host	Mouse
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (96); Rat (95)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.1 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SPTLC2 polyclonal antibody (A01), Lot # 051123JC01. Western Blot analysis of SPTLC2 expression in NIH/3T3. (65kDa, OMIM, <http://www.ncbi.nlm.nih.gov/entrez/dispomim.cgi?id=605722>)

[Protocol Download](#)

- Western Blot (Cell lysate)

SPTLC2 polyclonal antibody (A01), Lot # 051123JC01. Western Blot analysis of SPTLC2 expression in Raw 264.7. (65kDa, OMIM, <http://www.ncbi.nlm.nih.gov/entrez/dispomim.cgi?id=605720>)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SPTLC2

Entrez GeneID	9517
GeneBank Accession#	NM_004863
Protein Accession#	NP_004854

Gene Name	SPTLC2
Gene Alias	KIAA0526, LCB2, SPT2
Gene Description	serine palmitoyltransferase, long chain base subunit 2
Omim ID	605713
Gene Ontology	Hyperlink
Gene Summary	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-Co A to 3-oxosphinganine. Mutations in this gene were identified in patients with hereditary sensory neuropathy type I. Alternatively spliced variants encoding different isoforms have been identified. [provided by RefSeq]
Other Designations	serine palmitoyltransferase, subunit II

Publication Reference

- [ORMDL orosomucoid-like proteins are degraded by free-cholesterol-loading-induced autophagy.](#)

Wang S, Robinet P, Smith JD, Gulshan K.

PNAS 2015 Mar; 112(12):3728.

Application: IP, IP-WB, WB-Ce, Mouse, RAW264.7 cells

Pathway

- [Metabolic pathways](#)
- [Sphingolipid metabolism](#)