

SPTC3 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A21853	Rabbit	1 mg/ml	60720

Applications	WB
Reactivity	Human, Mouse
Dilution	WB 1: 500-2000
Storage	-20°C/1 year
Specificity	This antibody detects endogenous levels of SPTC3 at Human/Mouse
Source / Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Immunogen	Synthesized peptide derived from human SPTC3
Uniprot No	Q9NUV7
Alternative names	
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
Background	The SPTLC3 gene encodes an isoform of the third subunit of serine palmitoyltransferase (SPT; EC 2.3.1.50), which catalyzes the rate-limiting step of the de novo synthesis of sphingolipids (Hornemann et al., 2006 [PubMed 17023427]). SPT contains 2 main subunits: the common SPTLC1 subunit (MIM 605712) and either SPTLC2 (MIM 605713) or its isoform SPTLC2L (SPTLC3), depending on the tissue in which biosynthesis occurs (Hornemann et al., 2006 [PubMed 17023427]). There are also 2 highly related isoforms of a third subunit, SSSPTA (MIM 613540) and SSSPTB (MIM 610412), that confer acyl-CoA preference of the SPT enzyme and are essential for maximal enzyme activity (Han et al., 2009 [PubMed 19416851]). [supplied by OMIM, Nov 2010],
Other	SPTLC3 C20orf38 SPTLC2L, SPTC3

Product Images:

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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