abcam

Product datasheet

Anti-Serine Palmitoyltransferase antibody ab23696

★★★★★ **3 Abreviews**　**25 References**　1 图像

概述

产品名称	Anti-Serine Palmitoyltransferase抗体
描述	兔多克隆抗体to Serine Palmitoyltransferase
宿主	Rabbit
特异性	This antibody detects human serine palmitoyltransferase subunit SPT2
经测试应用	**适用于:** WB
种属反应性	**与反应:** Mouse, Rat, Human
免疫原	Synthetic peptide:
	LDRPFDETTYEETED
	, corresponding to amino acids 548-562 of Human Serine Palmitoyltransferase.
	Run BLAST with　　**Run BLAST with**
常规说明	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.
	If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 49% PBS
纯度	Immunogen affinity purified
纯化说明	This antibody was affinity purifed.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee　　**Abpromise™承诺保证使用ab23696于以下的经测试应用**

"应用说明"部分 下显示的仅为**推荐的起始稀释度**；实际**最佳的稀释度/浓度**应**由使用者检定。**

应用	Ab评论	说明
WB	★★★★★ (2)	Use a concentration of 1 μg/ml. Predicted molecular weight: 62 kDa.

靶标

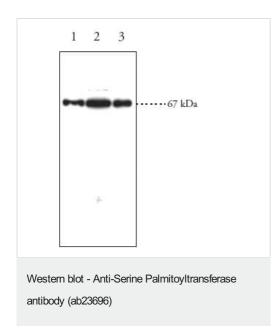|	
功能	Serine palmitoyltransferase (SPT). The heterodimer formed with LCB1/SPTLC1 constitutes the catalytic core. The composition of the serine palmitoyltransferase (SPT) complex determines the substrate preference. The SPTLC1-SPTLC2-SSSPTA complex shows a strong preference for C16-CoA substrate, while the SPTLC1-SPTLC2-SSSPTB complex displays a preference for C18-CoA substrate.
组织特异性	Widely expressed.
通路	Lipid metabolism; sphingolipid metabolism.
疾病相关	Defects in SPTLC2 are the cause of hereditary sensory and autonomic neuropathy type 1C (HSAN1C) [MIM:613640]. It is a form of hereditary sensory and autonomic neuropathy, a genetically and clinically heterogeneous group of disorders characterized by degeneration of dorsal root and autonomic ganglion cells, and by prominent sensory abnormalities with a variable degree of motor and autonomic dysfunction. The neurological phenotype is often complicated by severe infections, osteomyelitis, and amputations. HSAN1C symptoms include loss of touch and vibration in the feet, dysesthesia and severe panmodal sensory loss in the upper and lower limbs, distal lower limb sensory loss with ulceration and osteomyelitis, and distal muscle weakness.
序列相似性	Belongs to the class-II pyridoxal-phosphate-dependent aminotransferase family.
细胞定位	Endoplasmic reticulum membrane.

图片

Western blot - Anti-Serine Palmitoyltransferase antibody (ab23696)

All lanes : Anti-Serine Palmitoyltransferase antibody (ab23696) at 1 µg/ml

Lane 1 : 30ug mouse brain homogenate.

Lane 2 : 30ug rat kidney supernatant.

Lane 3 : 30ug human liver microsome.

Predicted band size: 62 kDa

Observed band size: 67 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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