

Recombinant Human Sterol carrier protein 2 ab117049

1 图像

描述	
产品名称	重组人Sterol carrier蛋白2
表达系统	Wheat germ
Accession	<u>P22307-2</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGFPEAASSFRTHQIEAVPTSSASDGFKANLVFKEIEKKLEE EGEQFVKK IGGIFAFKVKDGGPGGKEATWVVDVKNGKGSVLPNSDKKADCT ITMADSDF LALMTGKMNPQSAFFQGKLIKITGNMGLAMKLQNLQLQPGNAK L
预测分子量	42 kDa including tags
氨基酸	1 to 143
描述	重组人Sterol carrier蛋白2

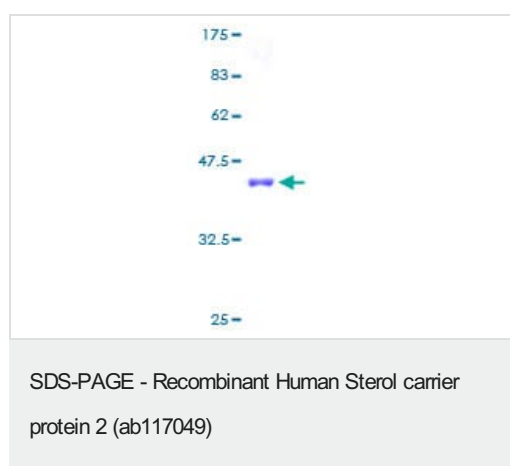
技术指标	
Our Abpromise guarantee covers the use of ab117049 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Western blot ELISA SDS-PAGE
形式	Liquid

制备和贮存	
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

常规信息

功能	Mediates in vitro the transfer of all common phospholipids, cholesterol and gangliosides between membranes. May play a role in regulating steroidogenesis.
组织特异性	Liver, fibroblasts, and placenta.
疾病相关	Defects in SCP2 are a cause of leukoencephalopathy with dystonia and motor neuropathy (LDMN) [MIM:613724]; also known as sterol carrier protein 2 deficiency. LDMN is a syndrome characterized by leukoencephalopathy, dystonic head tremor, spasmodic torticollis and reduced tendon reflexes in lower extremities. Additional features include hyposmia, pathologic saccadic eye movements, a slight hypoacusis, accumulation of branched-chain pristanic acid in plasma, and the presence of abnormal bile alcohol glucuronides in urine.
序列相似性	In the N-terminal section; belongs to the thiolase family. Contains 1 SCP2 domain.
细胞定位	Mitochondrion; Cytoplasm. Mitochondrion. Cytoplasmic in the liver and also associated with mitochondria especially in steroidogenic tissues and Peroxisome. Interaction with PEX5 is essential for peroxisomal import.

图片



12.5% SDS-PAGE showing ab117049 at approximately 41.84 kDa.
Stained with Coomassie Blue.

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

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