abcam

Product datasheet

Anti-Sterol carrier protein 2 antibody ab83858

1 图像

概述

产品名称	Anti-Sterol carrier protein 2抗体
描述	**兔多克隆抗体**to Sterol carrier protein 2
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat, Horse, Guinea pig, Cow, Pig, Drosophila melanogaster, Zebrafish
免疫原	Synthetic peptidecorresponding to a region within the internal amino acids 143-192 (NHKHSVNNPY SQFQDEYSLD EVMASKEVFD FLTILQCCPT SDGAAAAILA) of Human Sterol carrier protein 2 (NP_001007099).
阳性对照	MCF7 cell lysate.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	**多克隆**
同种型	IgG

应用

Our Abpromise guarantee covers the use of **ab83858** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明

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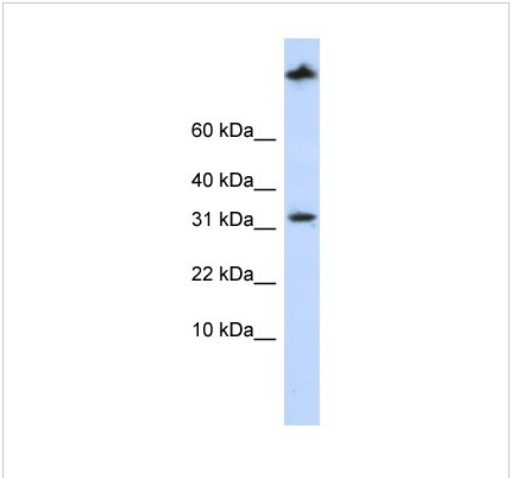
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 35 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

靶标

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



Western blot - Sterol carrier protein 2 antibody (ab83858)

Anti-Sterol carrier protein 2 antibody (ab83858) at 1 µg/ml (in 5% skim milk / PBS buffer) + MCF7 cell lysate at 10 µg

Secondary
HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size : 35 kDa
Observed band size : 35 kDa
Additional bands at : >60 kDa. We are unsure as to the identity of these extra bands.

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