


### Anti-Sterol carrier protein 2 antibody [EPR9022] ab140126

**重组** RabMAb

★★★★★ **1 Abreviews** **6 References** **5 图像**

#### 概述

产品名称	Anti-Sterol carrier蛋白2抗体[EPR9022]
描述	兔单克隆抗体[EPR9022] to Sterol carrier蛋白2
宿主	Rabbit
经测试应用	<b>适用于:</b> WB, IHC-P, ICC/IF <b>不适用于:</b> Flow Cyt or IP
种属反应性	<b>与反应:</b> Mouse, Human <b>预测可用于:</b> Rat 
免疫原	Synthetic peptide within Human Sterol carrier protein 2 aa 1-100 (N terminal). The exact sequence is proprietary.
阳性对照	WI38 and HepG2 whole cell lysate ( <b>ab7900</b> ); Human placenta and Mouse liver tissues; HepG2 cells.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <b><a href="#">see here</a></b> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <b><a href="#">RabMAb<sup>®</sup> patents</a></b> .

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆

克隆编号EPR9022

同种型IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab140126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		1/1000 - 1/10000. Predicted molecular weight: 58 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/250.

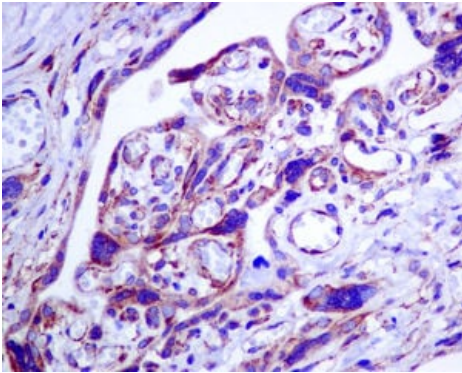
应用说明

Is unsuitable for Flow Cyt or IP.

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.

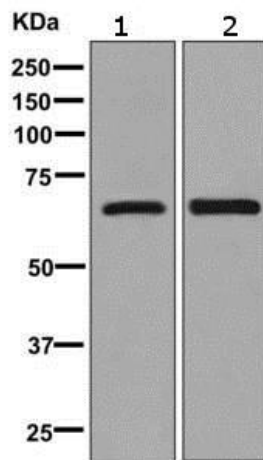
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sterol carrier protein 2 antibody [EPR9022] (ab140126)

Immunohistochemical analysis of Paraffin-embedded Human placenta tissue labelling Sterol carrier protein 2 with ab140126 at 1/50 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-Sterol carrier protein 2 antibody [EPR9022] (ab140126)

**All lanes :** Anti-Sterol carrier protein 2 antibody [EPR9022] (ab140126) at 1/1000 dilution

**Lane 1 :** WI38 cell lysate

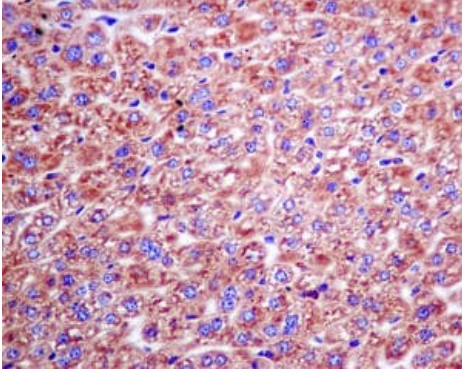
**Lane 2 :** HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes :** goat anti-rabbit HRP at 1/2000 dilution

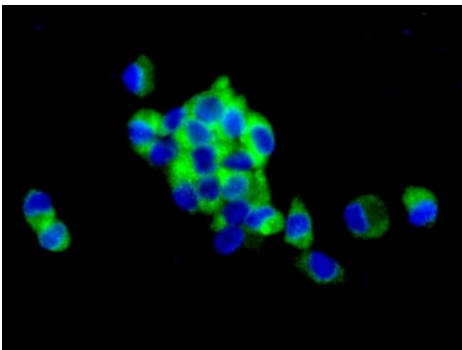
**Predicted band size:** 58 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sterol carrier protein 2 antibody [EPR9022] (ab140126)

Immunohistochemical analysis of Paraffin-embedded Mouse liver tissue labelling Sterol carrier protein 2 with ab140126 at 1/50 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-Sterol carrier protein 2 antibody [EPR9022] (ab140126)

Immunofluorescent analysis of HepG2 cells labelling Sterol carrier protein 2 with ab140126 at 1/100 dilution.

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-Sterol carrier protein 2 antibody [EPR9022]  
(ab140126)

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

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