

**Sterol carrier protein 2 Antibody**  
Rabbit mAb  
Catalog # AP92809**Specification****Sterol carrier protein 2 Antibody - Product Information**

Application	WB, IHC, ICC
Primary Accession	<a href="#">P22307</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
NLTP; SCP2; SCPchi; SCPX;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	58994 Da

**Sterol carrier protein 2 Antibody - Additional Information**

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human Sterol carrier protein 2</b>
Description	<b>Mediates in vitro the transfer of all common phospholipids, cholesterol and gangliosides between membranes. May play a role in regulating steroidogenesis.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

**Sterol carrier protein 2 Antibody - Protein Information****Name** SCP2 ([HGNC:10606](#))**Function**

[Isoform SCPx]: Plays a crucial role in the peroxisomal oxidation of branched-chain fatty acids (PubMed:<a href="http://www.uniprot.org/citations/10706581" target="\_blank">10706581</a>). Catalyzes the last step of the peroxisomal beta-oxidation of branched chain fatty acids and the side chain of the bile acid intermediates di- and trihydroxycoprostanic acids (DHCA and THCA) (PubMed:<a href="http://www.uniprot.org/citations/10706581" target="\_blank">10706581</a>). Also active with medium and long straight chain 3-oxoacyl-CoAs. Stimulates the microsomal conversion of 7-dehydrocholesterol to cholesterol and transfers phosphatidylcholine and 7-dehydrocholesterol between membranes, in vitro (By similarity). Isoforms SCP2 and SCPx cooperate in peroxisomal oxidation of certain naturally occurring tetramethyl- branched fatty acyl-CoAs (By similarity).

**Cellular Location**

[Isoform SCP2]: Peroxisome {ECO:0000250|UniProtKB:P32020}. Cytoplasm. Mitochondrion.  
Endoplasmic reticulum {ECO:0000250|UniProtKB:P32020}. Mitochondrion  
{ECO:0000250|UniProtKB:P32020}

#### Tissue Location

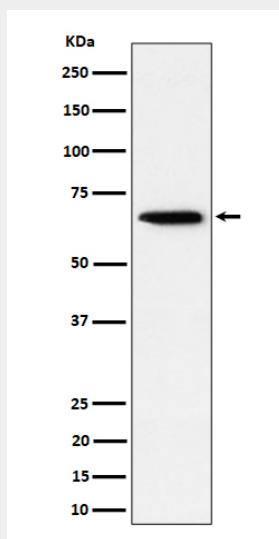
Liver, fibroblasts, and placenta.

#### Sterol carrier protein 2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### Sterol carrier protein 2 Antibody - Images



Western blot analysis of Sterol carrier protein 2 expression in HepG2 cell lysate.