

Anti-SCP2 / SCPX Antibody (aa1-143)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18540**Specification**

Anti-SCP2 / SCPX Antibody (aa1-143) - Product Information

Application	WB, IHC-P, E
Primary Accession	P22307
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	58994

Anti-SCP2 / SCPX Antibody (aa1-143) - Additional Information**Gene ID** 6342**Alias Symbol** SCP2**Other Names**

SCP2, NLTP, NSL-TP, SCP-CHI, SCP-X, Sterol carrier protein 2, Sterol carrier protein X, SCP-2, SCPX

Target/Specificity

Human SCP2 / SCPX

Reconstitution & Storage

Caprylic acid and ammonium sulfate precipitation

Precautions

Anti-SCP2 / SCPX Antibody (aa1-143) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-SCP2 / SCPX Antibody (aa1-143) - Protein Information**Name** SCP2 ([HGNC:10606](#))**Function**

[Isoform SCPx]: Plays a crucial role in the peroxisomal oxidation of branched-chain fatty acids (PubMed:10706581). 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:10706581). 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.

Anti-SCP2 / SCPX Antibody (aa1-143) - 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](#)

Anti-SCP2 / SCPX Antibody (aa1-143) - Images