

Anti-SCP2 / SCPX Antibody (aa1-143)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18540

Product Information

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

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.

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.
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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.