ARG64578
anti-Sterol carrier protein 2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Sterol carrier protein 2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	IHC-P
Specificity	This antibody is expected to recognize isoform 1, 2, 6, 7 and 8 (NP_002970.2; NP_001007099.1; NP_001180529.1; NP_001180528.1; NP_001180546.1 respectively),
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Sterol carrier protein 2
Species	Human
Immunogen	C-KNHKHSVNNPYSQ
Conjugation	Un-conjugated
Alternate Names	SCP-CHI; EC 2.3.1.176; NSL-TP; NLTP; SCPX; Non-specific lipid-transfer protein; Sterol carrier protein 2; Sterol carrier protein X; SCP-2; SCP-chi; Propanoyl-CoA C-acyltransferase; SCP-X

Application Instructions

Application table

Application	Dilution
IHC-P	3 - 6 µg/ml

Application Note: IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

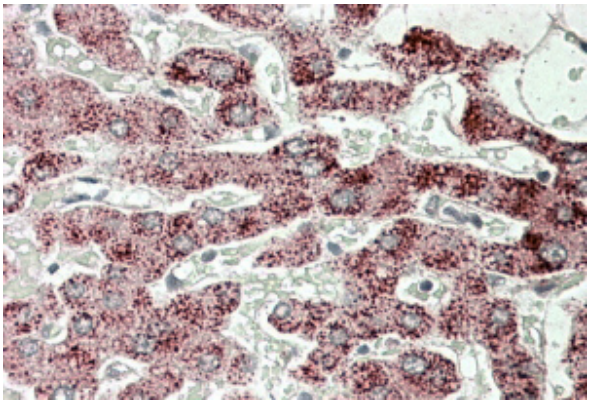
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 6342 Human Swiss-port # P22307 Human
Background	This gene encodes two proteins: sterol carrier protein X (SCPx) and sterol carrier protein 2 (SCP2), as a result of transcription initiation from 2 independently regulated promoters. The transcript initiated from the proximal promoter encodes the longer SCPx protein, and the transcript initiated from the distal promoter encodes the shorter SCP2 protein, with the 2 proteins sharing a common C-terminus. Evidence suggests that the SCPx protein is a peroxisome-associated thiolase that is involved in the oxidation of branched chain fatty acids, while the SCP2 protein is thought to be an intracellular lipid transfer protein. This gene is highly expressed in organs involved in lipid metabolism, and may play a role in Zellweger syndrome, in which cells are deficient in peroxisomes and have impaired bile acid synthesis. Alternative splicing of this gene produces multiple transcript variants, some encoding different isoforms.[provided by RefSeq, Aug 2010]
Research Area	Cancer antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	59 kDa

Images



ARG64578 anti-Sterol carrier protein 2 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Liver-. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64578 anti-Sterol carrier protein 2 antibody at 3.8 µg/ml dilution followed by AP-staining.