Elabscience®

SCP2 Polyclonal Antibody

catalog number: E-AB-52211

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description		
Reactivity	Human;Mouse;Rat	
Immunogen	Fusion protein of human SCP2	
Host	Rabbit	
Isotype	IgG	
Purification	Antigen affinity purification	
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.	
Applications	Recommended Dilution	
WB	1:500-1:2000	
IHC	1:25-1:100	
Data		
Western blot analysis of Mouse SCP2 Polyclonal Antibody Observed-MW:Refe	testis tissue lysate using at dilution of 1:350 er to figures	Immunohistochemistry of paraffin-embedded Human liver cancer tissue using SCP2 Polyclonal Antibody at dilution of 1:35(×200)
Propagation & Storage		
Storage	Store at 2000 Malt for 1	2 months Association (them angles
Storage	Store at -20°C valid for 12 months. Avoid freeze / thaw cycles.	
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the	

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.

temperature recommended.

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