

For Research Use Only

SOAT1/ACAT1 Polyclonal antibody

Catalog Number: 13202-1-AP



Basic Information

Catalog Number: 13202-1-AP	GenBank Accession Number: BC028940	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 6646	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: sterol O-acyltransferase 1	
Isotype: IgG	Calculated MW: 550 aa, 65 kDa	
Immunogen Catalog Number: AG3944	Observed MW: 65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HuH-7 cells, SW480 cells, THP-1 cells, mouse liver tissue, rat liver tissue
Species Specificity: human, mouse, rat	

Background Information

Sterol O-acyltransferase 1 (SOAT1/ACAT1) catalyzes the formation of fatty acid-cholesterol esters, which are less soluble in membranes than cholesterol (PubMed:16154994,16647063, 32433614, 32944968). It plays a role in lipoprotein assembly and dietary cholesterol absorption (PubMed:16154994, 9020103). SOAT1 has three isoforms with molecular weights of 65, 58, and 57 kDa.

Storage

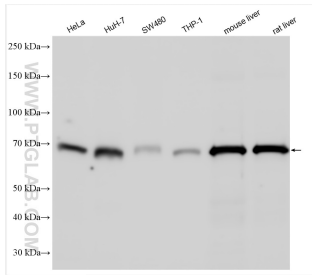
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13202-1-AP (SOAT1/ACAT1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.