

For Research Use Only

SOAT1/ACAT1 Polyclonal antibody

Catalog Number: 13202-1-AP



Basic Information

Catalog Number:

13202-1-AP

Size:

150ul, Concentration: 500 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3944

GenBank Accession Number:

BC028940

GeneID (NCBI):

6646

UNIPROT ID:

P35610

Full Name:

sterol O-acyltransferase 1

Calculated MW:

550 aa, 65 kDa

Observed MW:

65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, HuH-7 cells, SW480 cells, THP-1 cells, mouse liver tissue, rat liver tissue

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

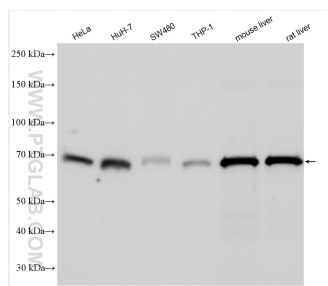
For technical support and original validation data for this product please contact:

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.