

For Research Use Only

SOAT1/ACAT1 Polyclonal antibody

Catalog Number:13202-1-AP



Basic Information

Catalog Number:

13202-1-AP

Size:

500 µg/ml

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

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

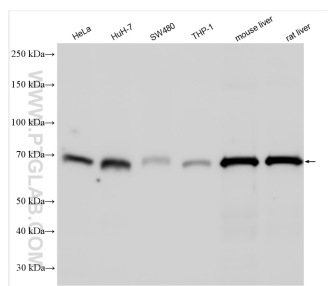
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Selected Validation Data



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.