


Product datasheet

Anti-SOAT 1/ACAT1 antibody ab39327

[15 References](#) [2 Images](#)

Overview

Product name	Anti-SOAT 1/ACAT1 antibody
Description	Rabbit polyclonal to SOAT 1/ACAT1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat, Human Predicted to work with: Cynomolgus monkey 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 0.1% BSA
Purity	Affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

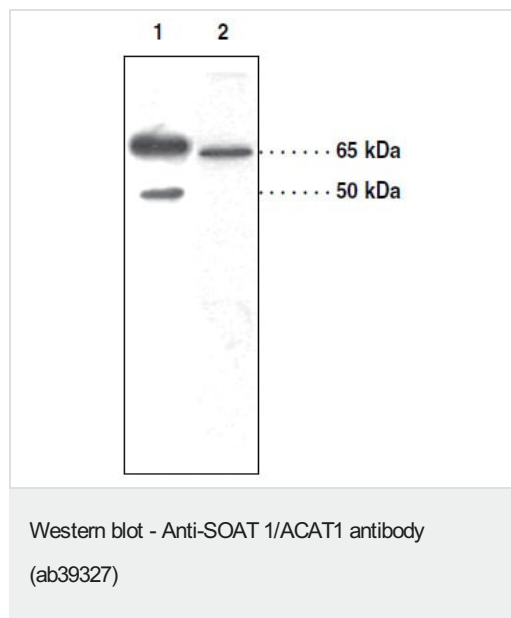
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab39327 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 47 kDa.
IHC-P		Use at an assay dependent concentration.

Target

Function	Catalyzes the formation of fatty acid-cholesterol esters. Plays a role in lipoprotein assembly and dietary cholesterol absorption. In addition to its acyltransferase activity, it may act as a ligase.
Sequence similarities	Belongs to the membrane-bound acyltransferase family. Sterol o-acyltransferase subfamily.
Cellular localization	Endoplasmic reticulum membrane.

Images



All lanes : Anti-SOAT 1/ACAT1 antibody (ab39327)

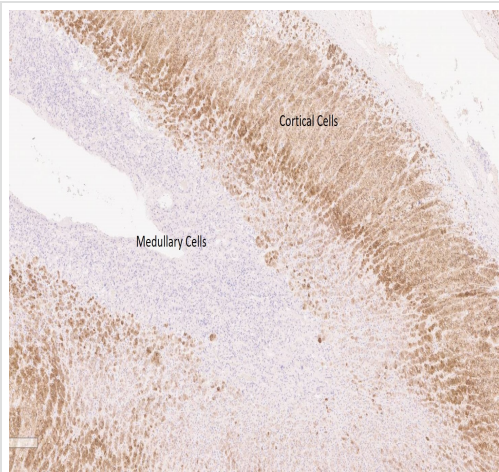
Lane 1 : Rat Liver (30µg)

Lane 2 : HepG2 cell lysate (30µg)

Predicted band size: 47 kDa

Observed band size: 50,65 kDa

The 65 kDa band detected is the native form of ACAT1.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human adrenal tissue using ab39327 at 1/200 after heat induced antigen retrieval in pH 6.0 citrate buffer. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SOAT 1/ACAT1 antibody (ab39327)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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