

Rabbit anti-Human Sterol O-acyltransferase 1 Polyclonal Antibody | anti-SOAT1 antibody

Rabbit anti-human Sterol O-acyltransferase 1 polyclonal Antibody(SOAT1)

CATALOG # AAA18854	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

Sterol O-acyltransferase 1; Polyclonal Antibody; Rabbit anti-human Sterol O-acyltransferase 1 polyclonal Antibody(SOAT1); Acyl-coenzyme A:cholesterol acyltransferase 1; ACAT-1; Cholesterol acyltransferase 1; SOAT1; AACT; AACT1; ACAT; ACAT1; SOAT; STAT; anti-SOAT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid; PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Sequence Length	492
Applicable Applications for anti-SOAT1 antibody	ELISA, IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	IHC: 1:20-1:200 IF: 1:20-1:200
Conjugate	Non-conjugated
Immunogen	Recombinant Human Sterol O-acyltransferase 1 protein (1-130AA)
Immunogen Species	Homo Sapiens (Human)
Research Area	Cardiovascular
Target Names	SOAT1
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of A549 cell with AAA18854 at 1:50, counterstained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA18854 diluted at 1:100 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)

IHC image of AAA18854 diluted at 1:100 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.

NCBI AND UNIPROT INFORMATION

NCBI GI #	357430782
NCBI GeneID	6646
NCBI Accession #	NP_001239440.1
NCBI GenBank Nucleotide #	NM_001252511.1
UniProt Accession #	P35610; Q5T0X4; Q8N1E4; A6NC40; A8K3P4; A9Z1V7; B4DU95
NCBI Official Full Name	sterol O-acyltransferase 1 isoform 2
NCBI Official Synonym Full Names	sterol O-acyltransferase 1
NCBI Official Symbol	SOAT1
NCBI Official Synonym Symbols	ACAT; SOAT; STAT; ACACT; ACAT1; ACAT-1
NCBI Protein Information	sterol O-acyltransferase 1
UniProt Protein Name	Sterol O-acyltransferase 1
UniProt Gene Name	SOAT1
UniProt Synonym Gene Names	ACACT; ACACT1; ACAT; ACAT1; SOAT; STAT; ACAT-1
UniProt Entry Name	SOAT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sterol-o-acyltransferase-1-antibody-immunohistochemistry-immunofluorescence-elisa/18854>