

DNAxPAb

Hard-to-Find
Antibody

SOAT1 DNAxPab

Catalog # H00006646-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SOAT1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MVGEEKMSLRNRLSKSRENPEEDEDQRNPAKESLETPSNGRIDIKQLIAKKIKLTAEAEELKPFFM KEVGSHFDDFVTNLIEKSASLDNGGCALTTFVLEGEKNNHRAKDLRAPPEQGKIFIARRSLDEL LEV D HIRTYHMFIALLLFILSTLVVDYDEGRVLVEFSLLSYAFGKFPTVVWTWWIMFLSTFSVPYFL FQHWATGYSKSSHPLIRSLFHGFLFMIFQIGVLGFGPTYVVLAYTLPPASRFIIIFEQIRFVMKAHSFV RENVPRVLNSAKEKSSTVPIPTVNQYL YFLFAPTLIRDSYPRNPTVRWGYVAMKFAQVFGCFFYV YYIFERLCAPLFRNIKQEPFSARVLVLCVFNSILPGVLILFLTFFAFLHCWLNFAEMLRFGDRMFYK DWWNSTSYSNYRTWNVVVDWLYYYAYKDFLWFFSKRFKSAAMLAVFAVS AVVHEYALAVCL SFFYPVLFVLFMFFGMAFNFMVDSRKKPMNVLMWTSFLGNGVLLCFYSQEWYARQHCPLKNP TFLDYVRPRSWTCRYVF
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SOAT1

Entrez GeneID	6646
GeneBank Accession#	NM_003101.4
Protein Accession#	NP_003092.4
Gene Name	SOAT1
Gene Alias	ACACT, ACAT, ACAT1, RP11-215I23.2, SOAT, STAT
Gene Description	sterol O-acyltransferase 1
Omim ID	102642
Gene Ontology	Hyperlink
Gene Summary	Acyl-coenzyme A:cholesterol acyltransferase (ACACT; EC 2.3.1.26) is an intracellular protein located in the endoplasmic reticulum that forms cholesterol esters from cholesterol. Accumulation of cholesterol esters as cytoplasmic lipid droplets within macrophages and smooth muscle cells is a characteristic feature of the early stages of atherosclerotic plaques (Cadigan et al., 1988 [PubMed 3335499]).[supplied by OMIM]
Other Designations	acyl-Coenzyme A: cholesterol acyltransferase sterol O-acyltransferase (acyl-Coenzyme A: cholesterol acyltransferase) 1

Pathway

- [Steroid biosynthesis](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cognition Disorders](#)

- [Coronary Artery Disease](#)
- [Delirium](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemias](#)
- [Wechsler Scales](#)