



SOAT2 mouse mAb

Catalog No	YP-mAb-18130
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SOAT2 ACACT2 ACAT2
Immunogen	Synthesized peptide derived from human SOAT2
Specificity	This antibody detects endogenous levels of SOAT2 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:2.3.1.26;ARGP2;Acyl-coenzyme A:cholesterol acyltransferase 2;ACAT-2; ACAT2;SOAT2;SOAT2 ACACT2 ACAT2;Sterol O-acyltransferase 2 (EC 2.3.1.26) (Acyl-coenzyme A:cholesterol acyltransferase 2) (ACAT-2) (Cholesterol acyltransferase 2)
Observed Band	46 kDa
Calculated Molecular Weight	522 aa, 60 kDa
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Tissue Specificity	Expression seems confined in hepatocytes and enterocytes.
Function	Catalyzes the formation of fatty acid-cholesterol esters, which are less soluble in membranes than cholesterol . Plays a role in lipoprotein assembly and dietary cholesterol absorption . Utilizes oleoyl-CoA ((9Z)-octadecenoyl-CoA) and linolenoyl-CoA ((9Z,12Z,15Z)-octadecatrienoyl-CoA) as substrates . May provide cholesteryl esters for lipoprotein secretion from hepatocytes and intestinal mucosa . ; [Isoform 2]: Has lower enzymatic activity compared to isoform 1. ; [Isoform 3]: Has lower enzymatic activity compared to isoform 1.
Background	

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images