



SOAT2 mouse mAb

Catalog No	YP-mAb-18130
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SOAT2 ACACT2 ACAT2
Protein Name	Sterol O-acyltransferase 2 (EC 2.3.1.26) (Acyl-coenzyme A:cholesterol acyltransferase 2) (ACAT-2) (Cholesterol acyltransferase 2)
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	
Observed Band	57kD
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