



LPCAT1 mouse mAb

Catalog No	YP-mAb-18072
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LPCAT1 AYTL2 PFAAP3
Immunogen	Synthesized peptide derived from human LPCAT1
Specificity	This antibody detects endogenous levels of LPCAT1 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	Acetyl-CoA:lyso-platelet-activating factor acetyltransferase;Acetyl-CoA:lyso-PAF acetyltransferase;1-alkylglycerophosphocholine O-acetyltransferase;1-alkenylglycerophosphocholine O-acyltransferase;1-acylglycerophosphocholine O-acyltransferase;LPCAT1;LPCAT1 AYTL2 PFAAP3;Lysophosphatidylcholine acyltransferase 1 (LPC acyltransferase 1) (LPCAT-1) (LysoPC acyltransferase 1) (EC 2.3.1.-) (1-acylglycerophosphocholine O-acyltransferase) (EC 2.3.1.23) (1-alkylglycerophospho
Observed Band	59kD
Calculated Molecular Weight	59kD
Cell Pathway	
Tissue Specificity	
Function	Exhibits acyltransferase activity . Exhibits acetyltransferase activity (By similarity) . Activity is calcium-independent (By similarity). Catalyzes the conversion of lysophosphatidylcholine (1-acyl-sn-glycero-3-phosphocholine or LPC) into phosphatidylcholine (1,2-diacyl-sn-glycero-3-phosphocholine or PC) . Catalyzes the conversion 1-acyl-sn-glycerol-3-phosphate (lysophosphatidic acid or LPA) into 1,2-diacyl-sn-glycerol-3-phosphate (phosphatidic acid or PA) by incorporating an acyl moiety at the sn-2 position of the glycerol backbone (By



similarity). Displays a clear preference for saturated fatty acyl-CoAs, and 1-myristoyl or 1-palmitoyl LPC as acyl donors and acceptors, respectively (By similarity). Involved in platelet-activating factor (PAF) biosynthesis by catalyzing the conversion of the PAF precursor, 1-O-alkyl-sn-glycero-3-phosphocholine (lyso-PAF) into 1-O-alkyl-2-acetyl-sn-glyc

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