

MBOA5 rabbit pAb

Catalog No :	YT8099
Reactivity :	Human;Mouse;Rat
Applications :	IHC;WB
Target :	LPCAT3
Gene Name :	LPCAT3 MBOAT5 OACT5
Protein Name :	Lysophospholipid acyltransferase 5 (LPLAT 5) (EC 2.3.1.-) (1-acylglycerophosphocholine O-acyltransferase) (EC 2.3.1.23) (1-acylglycerophosphoserine O-acyltransferase) (EC 2.3.1.n6) (Lysophosphatidylch
Human Gene Id :	10162
Human Swiss Prot No :	Q6P1A2
Mouse Gene Id :	14792
Mouse Swiss Prot No :	Q91V01
Rat Gene Id :	362434
Rat Swiss Prot No :	Q5FVN0
Immunogen :	Synthesized peptide derived from human C-terminal MBOA5
Specificity :	This antibody detects endogenous levels of MBOA5 at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year (Do not lower than -25°C)

Molecularweight : 54kD

Function : Lysophospholipid O-acyltransferase (LPLAT) that catalyzes the reacylation step of the phospholipid remodeling process also known as the Lands cycle . Catalyzes transfer of the fatty acyl chain from fatty acyl-CoA to 1-acyl lysophospholipid to form various classes of phospholipids. Converts 1-acyl lysophosphatidylcholine (LPC) into phosphatidylcholine (PC) (LPCAT activity), 1-acyl lysophosphatidylserine (LPS) into phosphatidylserine (PS) (LPSAT activity) and 1-acyl lysophosphatidylethanolamine (LPE) into phosphatidylethanolamine (PE) (LPEAT activity) . Favors polyunsaturated fatty acyl-CoAs as acyl donors compared to saturated fatty acyl-CoAs . Has higher activity for LPC acyl acceptors compared to LPEs and LPSs. Can also transfer the fatty acyl chain from fatty acyl-CoA to 1-O-alkyl lysophospholipid or 1-O-alkenyl lysophospholipid with lower efficiency (By similarity). Acts as a major L

Subcellular Location : Endoplasmic reticulum membrane ; Multi-pass membrane protein .

Expression : Highly expressed in liver, pancreas and adipose tissue. Very low expression in skeletal muscle and heart. Detected in neutrophils.

Products Images