

Anti-LPCT4 antibody



Description	Unconjugated Rabbit polyclonal to LPCT4
Model	STJ190445
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human LPCT4 protein.
Immunogen Region	300-380aa
Gene ID	254531
Gene Symbol	LPCAT4
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	LPCT4 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Widely expressed with predominant level in brain.
Purification	LPCT4 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Lysophospholipid acyltransferase LPCAT4 1-acylglycerol-3-phosphate O-acyltransferase 7 1-AGP acyltransferase 7 1-AGPAT 7 1-acylglycerophosphocholine O-acyltransferase 1-acylglycerophosphoserine O-acyltransferase 1-alken
Molecular Weight	57 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:300590MIM:612039
Alternative Names	Lysophospholipid acyltransferase LPCAT4 1-acylglycerol-3-phosphate O-acyltransferase 7 1-AGP acyltransferase 7 1-AGPAT 7 1-acylglycerophosphocholine O-acyltransferase 1-acylglycerophosphoserine O-acyltransferase 1-alken
Function	Displays acyl-CoA-dependent lysophospholipid acyltransferase activity with a subset of lysophospholipids as substrates; converts lysophosphatidylethanolamine to phosphatidylethanolamine, lysophosphatidylcholine to phosphatidylcholine, 1-alkenyl-lysophosphatidylethanolamine to 1-alkenyl-phosphatidylethanolamine, lysophosphatidylglycerol and alkyl-lysophosphatidylcholine to phosphatidylglycerol and alkyl-phosphatidylcholine, respectively. In contrast, has no lysophosphatidylinositol, glycerol-3-phosphate, diacylglycerol or lysophosphatidic acid acyltransferase activity. Prefers long chain acyl-CoAs (C16, C18) as acyl donors.
Cellular Localization	Endoplasmic reticulum membrane