

## LPCAT4 antibody

### Product Information

Catalog No.:	FNab04828
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

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.

### Immunogen information

Immunogen:	lysophosphatidylcholine acyltransferase 4
Synonyms:	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-alkenylglycerophosphoethanolamine O-acyltransferase 1-alkylglycerophosphocholine O-acetyltransferase Acyltransferase-like 3 Lysophosphatidylcholine acyltransferase 4 Lysophosphatidylethanolamine acyltransferase 2 Plasmalogen synthase LPCAT4 AGPAT7 AYTL3 LPEAT2
Observed MW:	57 kDa

Uniprot ID : Q643R3

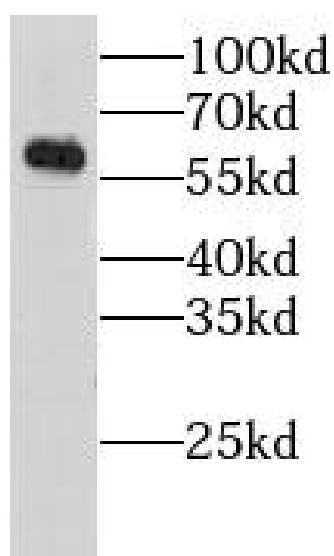
### Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab04828(LPCAT4 antibody) at dilution of 1:300