

LPCT4 Rabbit pAb

CatalogNo: YN0341

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 57kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

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

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 300-380

Specificity LPCT4 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name LPCAT4 AGPAT7 AYTL3 LPEAT2

Protein Name	Lysophospholipid acyltransferase LPCAT4 (1-acylglycerol-3-phosphate O-acyltransferase 7) (1-AGP acyltransferase 7) (1-AGPAT 7) (Acyltransferase-like 3) (Lysophosphatidylcholine acyltransferase 4) (Lysophosphatidylethanolamine acyltransferase 2)		
	Organism	Gene ID	UniProt ID
	Human	254531 ;	Q643R3 ;
	Mouse		Q6NVG1 ;
Cellular Localization	Endoplasmic reticulum membrane ; Multi-pass membrane protein .		
Tissue specificity	Widely expressed with predominant level in brain.		
Function	Caution:Was originally (PubMed:16243729) thought to be a lysophosphatidic acid acyltransferase based on sequence similarity but the mouse ortholog has been shown to be a lysophosphatidylcholine acyltransferase.,Function:Converts lysophosphatidylcholine (LPC) to phosphatidylcholine in the presence of acyl-CoA.,pathway:Lipid metabolism; phospholipid metabolism.,similarity:Belongs to the 1-acyl-sn-glycerol-3-phosphate acyltransferase family.,tissue specificity:Widely expressed. Expressed in uterus, thymus, pancreas, skeletal muscle, bladder, stomach, lung and testis.,		

| Validation Data

| Contact information

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