

LPCAT1 Rabbit pAb

Catalog No.: A4987 **2 Publications**

Basic Information

Observed MW

59kDa

Calculated MW

59kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a member of the 1-acyl-sn-glycerol-3-phosphate acyltransferase family of proteins. The encoded enzyme plays a role in phospholipid metabolism, specifically in the conversion of lysophosphatidylcholine to phosphatidylcholine in the presence of acyl-CoA. This process is important in the synthesis of lung surfactant and platelet-activating factor (PAF). Elevated expression of this gene may contribute to the progression of oral squamous cell, prostate, breast, and other human cancers.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
79888	Q8NF37

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 325-534 of human LPCAT1 (NP_079106.3).

Synonyms

AYTL2; lpcat; AGPAT9; LPLAT8; PFAAP3; AGPAT10; LPCAT-1; lysoPAFAT; LPCAT1

Contact

 | www.abclonal.com

Product Information

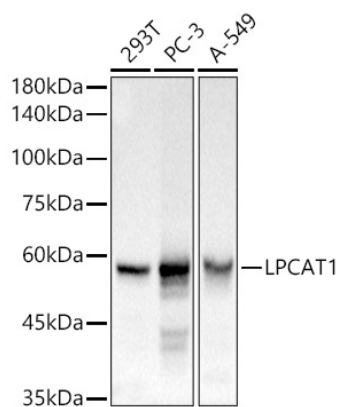
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

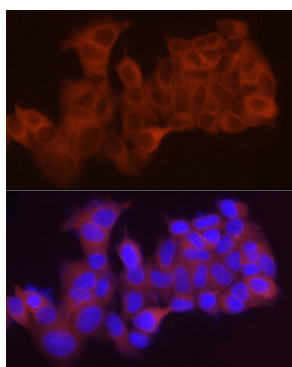
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates, using LPCAT1 antibody (A4987) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



Immunofluorescence analysis of MCF7 cells using LPCAT1 Rabbit pAb (A4987) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.