

A4805

Leader in Biomolecular Solutions for Life Science



LPCAT2 Rabbit pAb

Catalog No.: A4805

Basic Information

Observed MW

52kDa

Calculated MW

60kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human

Background

This gene encodes a member of the lysophospholipid acyltransferase family. The encoded enzyme may function in two ways: to catalyze the biosynthesis of platelet-activating factor (1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholine) from 1-O-alkyl-sn-glycero-3-phosphocholine, and to catalyze the synthesis of glycerophospholipid precursors from arachidonyl-CoA and lysophosphatidylcholine. The encoded protein may function in membrane biogenesis and production of platelet-activating factor in inflammatory cells. The enzyme may localize to the endoplasmic reticulum and the Golgi.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

54947

Swiss Prot

Q7L5N7

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 160-544 of human LPCAT2 (NP_060309.2).

Synonyms

AYTL1; LPLAT9; AGPAT11; LysoPAFAT; LPCAT2

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

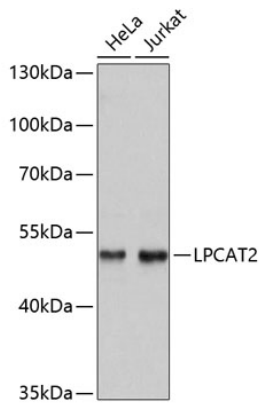
Affinity purification

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 LPCAT2 Rabbit pAb (A4805) at 1:3000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.