

Datasheet for ABIN7158760  
**anti-LPCAT3 antibody (AA 306-363)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	LPCAT3
Binding Specificity:	AA 306-363
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LPCAT3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Recombinant Human Lysophospholipid acyltransferase 5 protein (306-363AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	LPCAT3
Alternative Name:	LPCAT3 ( <a href="#">LPCAT3 Products</a> )
Background:	Background: Acyltransferase which mediates the conversion of lysophosphatidylcholine (1-acyl-sn-glycero-3-phosphocholine or LPC) into phosphatidylcholine (1,2-diacyl-sn-glycero-3-

## Target Details

phosphocholine or PC) (LPCAT activity). Catalyzes also the conversion of lysophosphatidylserine (1-acyl-2-hydroxy-sn-glycero-3-phospho-L-serine or LPS) into phosphatidylserine (1,2-diacyl-sn-glycero-3-phospho-L-serine or PS) (LPSAT activity). Has also weak lysophosphatidylethanolamine acyltransferase activity (LPEAT activity). Favors polyunsaturated fatty acyl-CoAs as acyl donors compared to saturated fatty acyl-CoAs. Seems to be the major enzyme contributing to LPCAT activity in the liver. Lysophospholipid acyltransferases (LPLATs) catalyze the reacylation step of the phospholipid remodeling pathway also known as the Lands cycle.

Aliases: 1-acylglycerophosphocholine O-acyltransferase antibody, 1-acylglycerophosphoserine O-acyltransferase antibody, LPCAT antibody, Lpcat3 antibody, LPLAT 5 antibody, LPSAT antibody, Lyso-PC acyltransferase 3 antibody, Lyso-PC acyltransferase antibody, Lyso-PS acyltransferase antibody, Lysophosphatidylcholine acyltransferase 3 antibody, Lysophosphatidylcholine acyltransferase antibody, Lysophosphatidylserine acyltransferase antibody, Lysophospholipid acyltransferase 5 antibody, MBOA5 antibody, MBOA5\_HUMAN antibody, Membrane-bound O-acyltransferase domain-containing protein 5 antibody, O-acyltransferase domain-containing protein 5 antibody

UniProt: [Q6P1A2](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

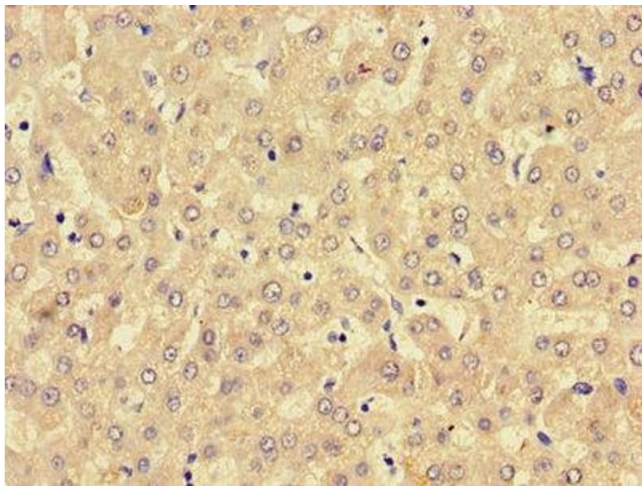
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

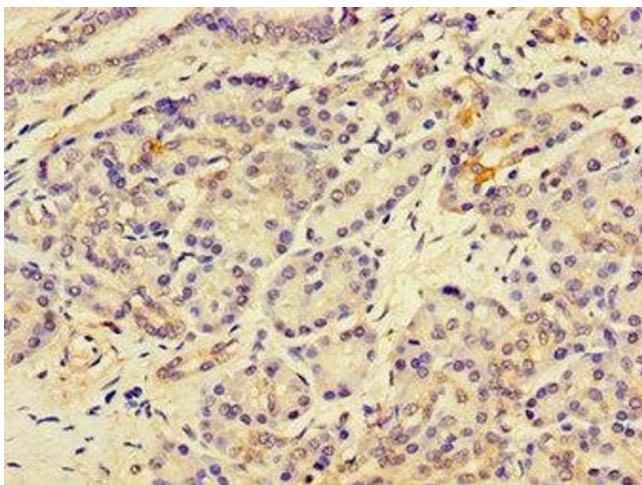
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7158760 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human pancreatic tissue using ABIN7158760 at dilution of 1:100