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Datasheet for ABIN7158763 anti-LPCAT3 antibody (AA 306-363) (HRP)



Overview

Quantity:	100 µg
Target:	LPCAT3
Binding Specificity:	AA 306-363
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LPCAT3 antibody is conjugated to HRP
Application:	ELISA

Product Details

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

Target Details

Target:	LPCAT3
Alternative Name:	LPCAT3 (LPCAT3 Products)
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-

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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:	Optimal working dilution should be determined by the investigator.
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.

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