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Datasheet for ABIN7436324 anti-LPCAT1 antibody (AA 70-237)

2 Images



Overview

Quantity:	100 µL
Target:	LPCAT1
Binding Specificity:	AA 70-237
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LPCAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

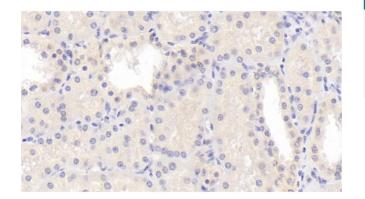
Product Details

Purpose:	Polyclonal Antibody to Lysophosphatidylcholine Acyltransferase 1 (LPCAT1)
Immunogen:	Recombinant Lysophosphatidylcholine Acyltransferase 1 (LPCAT1) corresdonding to Pro70~Arg237 with N-terminal His and GST Tag
lsotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against LPCAT1. It has been selected for its ability to recognize LPCAT1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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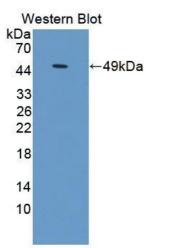
Target Details	
Target:	LPCAT1
Alternative Name:	Lysophosphatidylcholine Acyltransferase 1 (LPCAT1 Products)
Background:	AYTL2, PFAAP3, Acyltransferase Like 2, 1-alkylglycerophosphocholine O-acetyltransferase, Phosphonoformate immuno-associated protein 3, Acetyl-CoA:lyso-PAF acetyltransferase
Application Details	
Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

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Immunohistochemistry

Image 1. Detection of LPCAT1 in Human Kidney Tissue using Polyclonal Antibody to Lysophosphatidylcholine Acyltransferase 1 (LPCAT1)



Western Blotting

Image 2. Detection of Recombinant LPCAT1, Human using Polyclonal Antibody to Lysophosphatidylcholine Acyltransferase 1 (LPCAT1)

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