

Datasheet for ABIN7427186
anti-LPCAT3 antibody (AA 122-233)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	LPCAT3
Binding Specificity:	AA 122-233
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LPCAT3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Lysophosphatidylcholine Acyltransferase 3 (LPCAT3)
Immunogen:	Recombinant Lysophosphatidylcholine Acyltransferase 3 (LPCAT3) corresponding to Met122~Arg233 with N-terminal His Tag
Clone:	6-2#
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against LPCAT3. It has been selected for its ability to recognize LPCAT3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

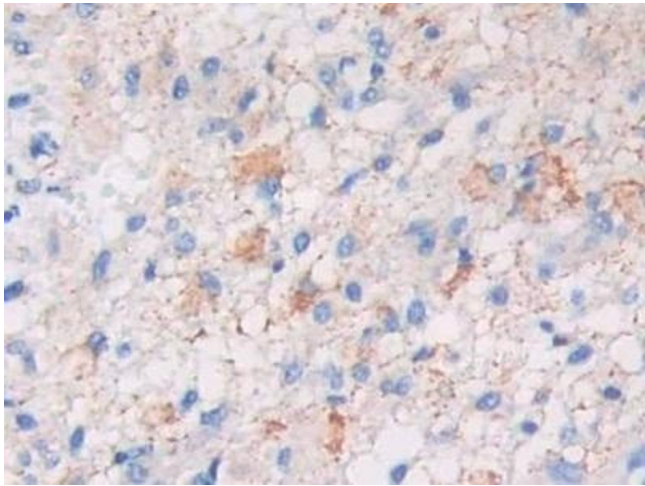
Target:	LPCAT3
Alternative Name:	Lysophosphatidylcholine Acyltransferase 3 (LPCAT3 Products)
Background:	MBOAT5, C3F, OACT5, Nussy, LPSAT, Membrane Bound O-AcylTransferase Domain Containing 5, Lysophospholipid Acyltransferase 5, Lysophosphatidylserine acyltransferase

Application Details

Application Notes:	Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 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

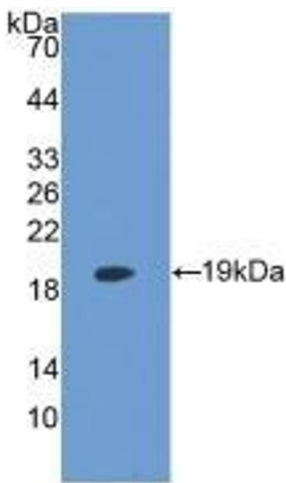
Handling

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



Immunohistochemistry

Image 1. Detection of LPCAT3 in Human Glioma Tissue using Monoclonal Antibody to Lysophosphatidylcholine Acyltransferase 3 (LPCAT3)



Western Blotting

Image 2. Detection of Recombinant LPCAT3, Human using Monoclonal Antibody to Lysophosphatidylcholine Acyltransferase 3 (LPCAT3)