

Datasheet for ABIN7427237
anti-LCAT antibody (AA 290-433)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	LCAT
Binding Specificity:	AA 290-433
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LCAT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Lecithin Cholesterol Acyltransferase (LCAT)
Immunogen:	Recombinant Lecithin Cholesterol Acyltransferase (LCAT) corresponding to Ile290~Ser433 with N-terminal His Tag
Clone:	12#
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against LCAT. It has been selected for its ability to recognize LCAT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

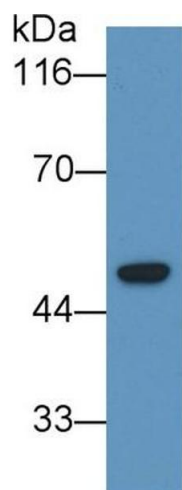
Target:	LCAT
Alternative Name:	Lecithin Cholesterol Acyltransferase (LCAT Products)
Background:	Phosphatidylcholine-sterol O-acyltransferase, Phospholipid-cholesterol acyltransferase
Pathways:	Lipid Metabolism

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-30 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-30 µg/mL Immunohistochemistry in paraffin section: 5-30 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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

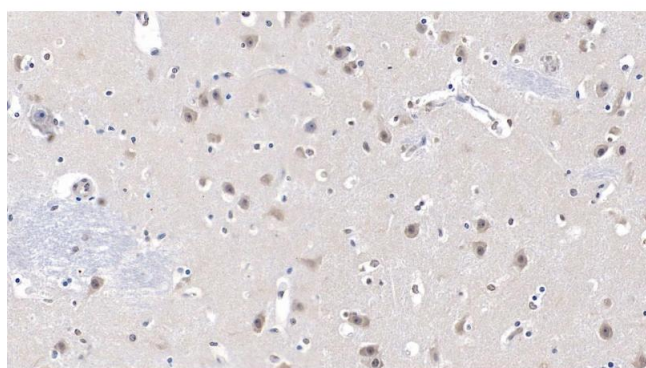
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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



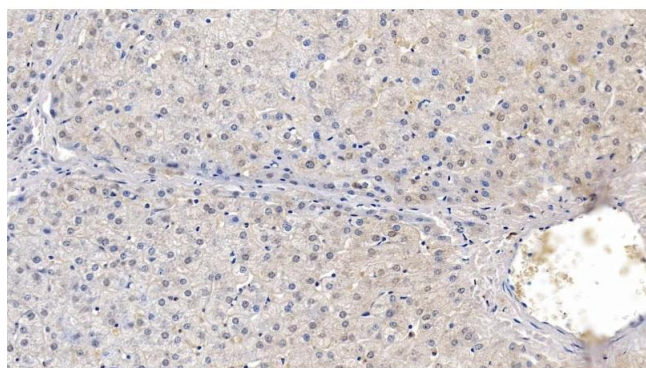
Western Blotting

Image 1. Detection of LCAT in U2OS cell lysate using Monoclonal Antibody to Lecithin Cholesterol Acyltransferase (LCAT)



Immunohistochemistry

Image 2. Detection of LCAT in Human Cerebrum Tissue using Monoclonal Antibody to Lecithin Cholesterol Acyltransferase (LCAT)



Immunohistochemistry

Image 3. Detection of LCAT in Human Liver Tissue using Monoclonal Antibody to Lecithin Cholesterol Acyltransferase (LCAT)