

Datasheet for ABIN7436693
anti-LCAT antibody (AA 41-210)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	LCAT
Binding Specificity:	AA 41-210
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LCAT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Lecithin Cholesterol Acyltransferase (LCAT)
Immunogen:	Recombinant Lecithin Cholesterol Acyltransferase (LCAT) corresponding to Glu41~His210 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against LCAT. It has been selected for its ability to recognize LCAT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A 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: 0.5-2 µg/mL 1:130-540 Immunohistochemistry: 5-20 µg/mL 1:13-54 Immunocytochemistry: 5-20 µg/mL 1:13-54 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

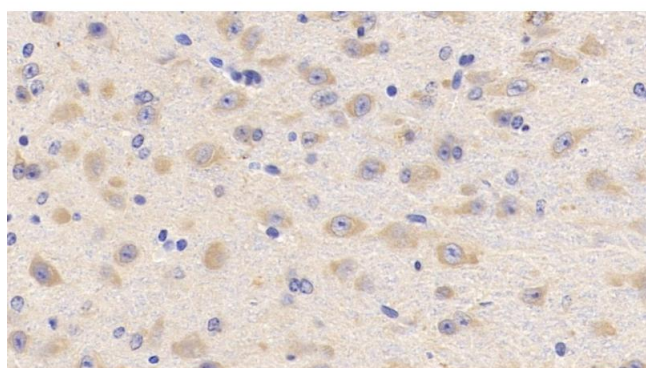
Handling

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



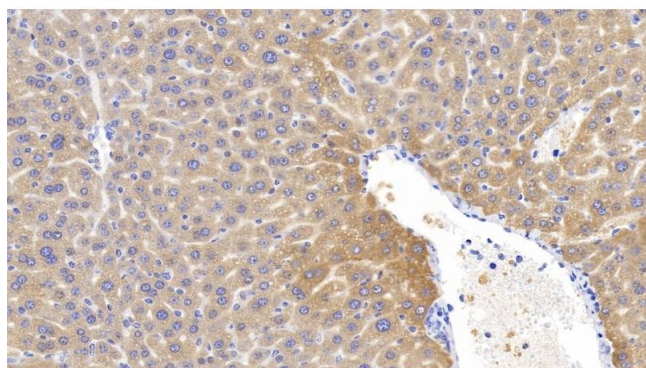
Western Blotting

Image 1. Detection of LCAT in Caprine Testis lysate using Polyclonal Antibody to Lecithin Cholesterol Acyltransferase (LCAT)



Immunohistochemistry

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



Immunohistochemistry

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