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# anti-LCAT antibody (AA 41-210)





### Overview

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

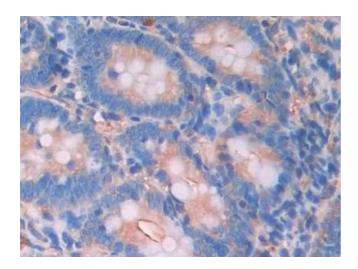
# **Product Details**

Purpose:	Polyclonal Antibody to Lecithin Cholesterol Acyltransferase (LCAT)
Immunogen:	Recombinant Lecithin Cholesterol Acyltransferase (LCAT) corresdonding to Glu41~His210 (Accession # P18424)
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, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

# **Target Details**

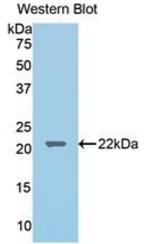
Target:	LCAT
Alternative Name:	Lecithin Cholesterol Acyltransferase (LCAT Products)
Background:	Phosphatidylcholine-sterol O-acyltransferase, Phospholipid-cholesterol acyltransferase
Pathways:	Lipid Metabolism

Application Details	
Application Notes:	Western blotting: 0.5-3 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:	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



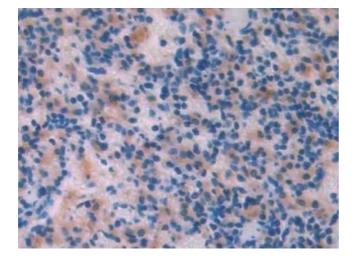
## **Immunohistochemistry**

Image 1. Detection of LCAT in Rat Small intestine Tissue using Polyclonal Antibody to Lecithin Cholesterol Acyltransferase (LCAT)



### **Western Blotting**

**Image 2.** Detection of Recombinant LCAT, Rat using Polyclonal Antibody to Lecithin Cholesterol Acyltransferase (LCAT)



# **Immunohistochemistry**

**Image 3.** Detection of LCAT in Rat Spleen Tissue using Polyclonal Antibody to Lecithin Cholesterol Acyltransferase (LCAT)

Please check the product details page for more images. Overall 7 images are available for ABIN7436696.