



# Anti-LCAT (C-terminal) polyclonal antibody (DPAB-DC735)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	LCAT (lecithin-cholesterol acyltransferase) is a protein-coding gene. Diseases associated with LCAT include fish-eye disease, and eye disease, and among its related super-pathways are Statin Pathway and Lipoprotein metabolism. GO annotations related to this gene include phosphatidylcholine-sterol O-acyltransferase activity and apolipoprotein A-I binding. An important paralog of this gene is PLA2G15.
<b>Immunogen</b>	Recombinant His fusion protein corresponding to C-terminus of mouse Lcat.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate),
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	In antiserum (0.05% sodium azide)
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Lcat lecithin cholesterol acyltransferase [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	LCAT
<b>Synonyms</b>	LCAT; lecithin cholesterol acyltransferase; AI046659; D8Wsu61e; phosphatidylcholine-sterol acyltransferase; phospholipid-cholesterol acyltransferase; lecithin-cholesterol acyltransferase Lcat;
<b>Entrez Gene ID</b>	<a href="#">16816</a>
<b>Protein Refseq</b>	<a href="#">NP_032516</a>
<b>UniProt ID</b>	<a href="#">P16301</a>
<b>Chromosome Location</b>	8 D3; 8 53.06 cM
<b>Pathway</b>	Glycerophospholipid metabolism; HDL-mediated lipid transport; Lipoprotein metabolism; Metabolism of lipids and lipoproteins
<b>Function</b>	O-acyltransferase activity; apolipoprotein A-I binding; phosphatidylcholine-sterol O-acyltransferase activity; phospholipase A2 activity