



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

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Recombinant His fusion protein corresponding to C-terminus of mouse Lcat.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	WB (Cell lysate),
Format	Liquid
Size	100 µl
Buffer	In antiserum (0.05% sodium azide)
Preservative	0.05% Sodium Azide
Storage	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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