



Anti-LCAT (aa 98-197) polyclonal antibody (DPAB-DC1829)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes the extracellular cholesterol esterifying enzyme, lecithin-cholesterol acyltransferase. The esterification of cholesterol is required for cholesterol transport. Mutations in this gene have been found to cause fish-eye disease as well as LCAT deficiency.
Immunogen	LCAT (AAH14781, 98 a.a. ~ 197 a.a) partial recombinant protein with GST tag. The sequence is CWIDNTRVYNRSSGLVSNAPGVQIRVPGFGKTYVEYLDSSKLAGYLHTLVQNLVNNGY VRDETVRAAPYDWRLLEPGQQEEYYRKLAGLVEEMHAAYGK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	LCAT lecithin-cholesterol acyltransferase [Homo sapiens (human)]
------------------	--

Official Symbol	LCAT
Synonyms	LCAT; lecithin-cholesterol acyltransferase; phosphatidylcholine-sterol acyltransferase; phospholipid-cholesterol acyltransferase;
Entrez Gene ID	3931
Protein Refseq	NP_000220
UniProt ID	P04180
Chromosome Location	16q22.1
Pathway	Glycerophospholipid metabolism; HDL-mediated lipid transport; Lipoprotein metabolism; Metabolism of lipids and lipoproteins
Function	apolipoprotein A-I binding; phosphatidylcholine-sterol O-acyltransferase activity; protein binding;
