

Datasheet for ABIN2462456

anti-LCAT antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	LCAT
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LCAT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human LCAT.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	LCAT
Alternative Name:	LCAT (LCAT Products)
Background:	LCAT is an extracellular cholesterol esterifying enzyme, lecithin-cholesterol acyltransferase. The esterification of cholesterol is required for cholesterol transport. Mutations in its gene have been found to cause fish-eye disease as well as LCAT deficiency. 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

Target Details

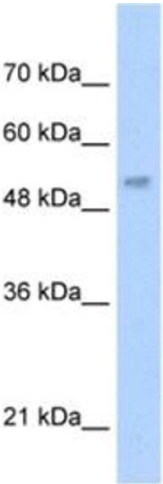
	been found to cause fish-eye disease as well as LCAT deficiency.
Molecular Weight:	48 kDa
Gene ID:	3931
NCBI Accession:	NP_000220
UniProt:	P04180
Pathways:	Lipid Metabolism

Application Details

Application Notes:	LCAT antibody can be used for detection of LCAT by ELISA at 1:312500. LCAT antibody can be used for detection of LCAT by western blot at 5.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store LCAT antibody at -20 °C.



Western Blotting

Image 1.