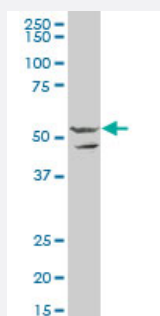


LCAT polyclonal antibody (A01)

Catalog # H00003931-A01

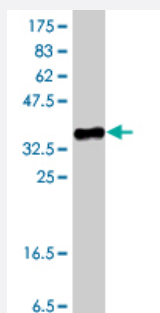
Size 50 uL

Applications



Western Blot (Cell lysate)

LCAT polyclonal antibody (A01), Lot # 051115JC01 Western Blot analysis of LCAT expression in MCF-7 (Cat # L046V1).



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant LCAT.
Immunogen	LCAT (AAH14781, 98 a.a. ~ 197 a.a) partial recombinant protein with GST tag.
Sequence	CWIDNTRVVYNRSSGLVSNAPGVQIRVPGFGKTYSEYLDSSKLAGYLHTLVQNLVNNGYVRDET VRAAPYDWRLEPGQQEEYYRKLGLVEEMHAAYGK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (91)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

LCAT polyclonal antibody (A01), Lot # 051115JC01 Western Blot analysis of LCAT expression in MCF-7 (Cat # L046V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — LCAT

Entrez GeneID

[3931](#)

GeneBank Accession#

[BC014781](#)

Protein Accession#

[AAH14781](#)

Gene Name

LCAT

Gene Alias

-

Gene Description

lecithin-cholesterol acyltransferase

Omim ID

[136120](#) [245900](#) [606967](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

-

Pathway

- [Glycerophospholipid metabolism](#)

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diseases in Twins](#)
- [Drug Toxicity](#)
- [Ductus Arteriosus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertriglyceridemia](#)

- [Hypolipoproteinemias](#)
- [Infant](#)
- [Intracranial Arteriosclerosis](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pulmonary Disease](#)
- [Syndrome](#)
- [Tangier disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)