

Rabbit LCAT Polyclonal Antibody | anti-LCAT antibody

LCAT antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198965	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

LCAT; Polyclonal Antibody; LCAT antibody - C-terminal region; anti-LCAT antibody

PRODUCT SPECIFICATIONS

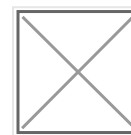
Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: GV LYEDGDDTVA TRSTELCGLW QGRQPQPVHL LPLHGIQHLN MVFSNLT
Sequence Length	440
Applicable Applications for anti-LCAT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 75%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human LCAT
Protein Size (# AA)	440 amino acids
Protein Interactions	APOA1; EXOSC10; APOE; APOA2; A2M;
Blocking Peptide	For anti-LCAT antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-LCAT Antibody Titration: 0.2-1 ug/ml Positive Control: Transfected 293T

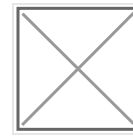


WB (Western Blot)

Host: Rabbit Target Name: SERPINA3 Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml

**WB (Western Blot)**

Host: RabbitTarget Name: NOP56Sample Type: Human Fetal MuscleAntibody Dilution: 1.0ug/ml

**WB (Western Blot)**

Host: RabbitTarget Name: FAM46CSample Type: Human Fetal LiverAntibody Dilution: 1.0ug/ml

**IHC (Immunohistochemistry)**

LCAT antibody - C-terminal regionFormalin Fixed Paraffin Embedded Tissue: Human Liver
TissueObserved Staining: Cytoplasm in hepatocytesPrimary Antibody Concentration: 1:100Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-LCAT antibody	This is a rabbit polyclonal antibody against LCAT. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 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 been found to cause fish-eye disease as well as LCAT deficiency. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-LCAT antibody	Polyclonal ; Signal Proteins ; Membrane Protein ; Drugs and Drug Metabolism ; Disease Related ; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557892
NCBI GeneID	3931
NCBI Accession #	NP_000220
NCBI GenBank Nucleotide #	NM_000229
UniProt Accession #	P04180
Molecular Weight	47kDa
NCBI Official Full Name	phosphatidylcholine-sterol acyltransferase
NCBI Official Synonym Full Names	lecithin-cholesterol acyltransferase
NCBI Official Symbol	LCAT
NCBI Protein Information	phosphatidylcholine-sterol acyltransferase
UniProt Protein Name	Phosphatidylcholine-sterol acyltransferase
UniProt Gene Name	LCAT
UniProt Entry Name	LCAT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lcat-antibody-immunohistochemistry-western-blot-elisa/198965>