

Mouse anti-Human, Pig Lecithin Cholesterol Acyltransferase (LCAT) Monoclonal Antibody | anti-LCAT antibody

Monoclonal Antibody to Lecithin Cholesterol Acyltransferase (LCAT)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152913	Mouse	Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

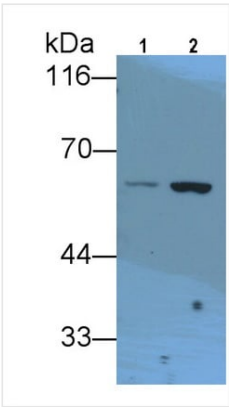
PRODUCT SYNONYMS

Lecithin Cholesterol Acyltransferase (LCAT); Monoclonal Antibody; Monoclonal Antibody to Lecithin Cholesterol Acyltransferase (LCAT); Lecithin Cholesterol Acyltransferase; phosphatidylcholine-sterol O-acyltransferase; Phospholipid-cholesterol acyltransferase; anti-LCAT antibody

PRODUCT SPECIFICATIONS

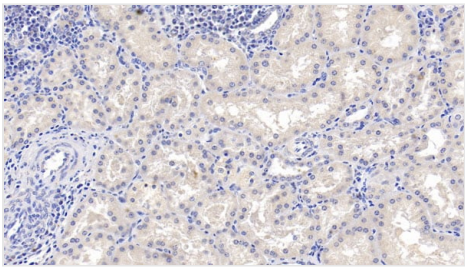
Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG
Clone Number	C7
Specificity	The antibody is a mouse monoclonal antibody raised against LCAT. It has been selected for its ability to recognize LCAT in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Ile290~Ser433
Applicable Applications for anti-LCAT antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



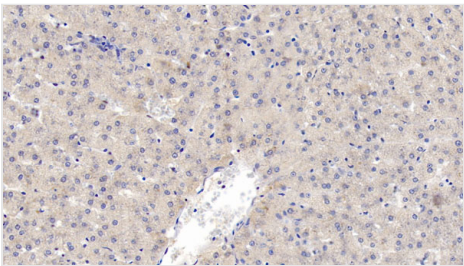
WB (Western Blot)

Western Blot; Sample: Lane1: HepG2 cell lysate; Lane2: U2OS cell lysate Primary Ab: 1 ug/ml Mouse Anti-human LCAT Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohiostchemistry)

DAB staining on IHC-P;Sample: Porcine Kidney Tissue; Primary Ab: 10ug/ml Mouse Anti-human LCAT AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Porcine Liver Tissue; Primary Ab: 10ug/ml Mouse Anti-human LCAT Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-LCAT antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Enzyme & Kinase
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	241429
NCBI GeneID	3931
UniProt Accession #	P04180; Q53XQ3
Molecular Weight	49,578 Da
NCBI Official Full Name	lecithin:cholesterol acyltransferase
NCBI Official Synonym Full Names	lecithin-cholesterol acyltransferase
NCBI Official Symbol	LCAT
NCBI Protein Information	phosphatidylcholine-sterol acyltransferase; phospholipid-cholesterol 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/lecithin-cholesterol-acyltransferase-lcat-antibody-clone-c7-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152913>