

Rabbit anti-Human LCAT Monoclonal Antibody | anti-LCAT antibody

LCAT Rabbit mAb

CATALOG # AAA282697	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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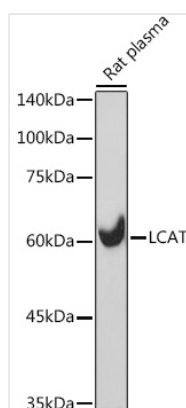
PRODUCT SYNONYMS

LCAT; Monoclonal Antibody; LCAT Rabbit mAb; lecithin-cholesterol acyltransferase; anti-LCAT antibody

PRODUCT SPECIFICATIONS

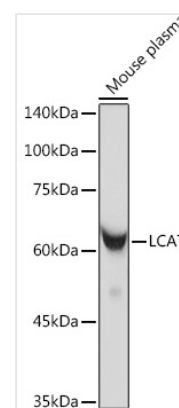
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MGPPGSPWQW VTL LLGLLP PAAPFWLLNV LFPHTTPKA ELSNHTRPVI LVPGLGNQL EAKLDKPDVV NWMCYRKTED FFTIWL DLNM FLPLGVDCWI
Applicable Applications for anti-LCAT antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human LCAT (P04180).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from rat plasma, using LCAT Rabbit mAb (AAA282697) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



WB (Western Blot)

Western blot analysis of lysates from mouse plasma, using LCAT Rabbit mAb (AAA282697) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-LCAT antibody	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.
Product Categories/Family for anti-LCAT antibody	Cancer; Signal Transduction; Endocrine Metabolism; Lipid Metabolism; Cholesterol Metabolism; Cardiovascular; Heart; Lipids; Cardiovascular diseases; Heart disease; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	241429
NCBI GeneID	3931
UniProt Accession #	P04180; Q53XQ3
Molecular Weight	Calculated MW: 50kDa Observed MW: 62kDa
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/lcat-antibody-western-blot-elisa/282697>