

Rabbit anti-Human Phosphatidylcholine-sterol acyltransferase Polyclonal Antibody | anti-LCAT antibody

Phosphatidylcholine-sterol acyltransferase Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308751	Rabbit	Human	Immunohistochemistry, Western Blot

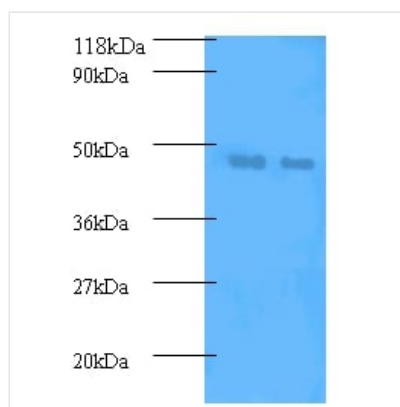
PRODUCT SYNONYMS

Phosphatidylcholine-sterol acyltransferase; Polyclonal Antibody; Phosphatidylcholine-sterol acyltransferase Polyclonal Antibody; anti-LCAT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total Phosphatidylcholine-sterol acyltransferase polyclonal antibody.
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	440
Applicable Applications for anti-LCAT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human Phosphatidylcholine-sterol acyltransferase protein
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)

All lanes: Phosphatidylcholine-sterol acyltransferase antibody at 2ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-LCAT antibody	Central enzyme in the extracellular metabolism of plasma lipoproteins. Synthesized mainly in the liver and secreted into plasma where it converts cholesterol and phosphatidylcholines (lecithins) to cholesteryl esters and lysophosphatidylcholines on the surface of high and low density lipoproteins (HDLs and LDLs). The cholesterol ester is then transported back to the liver. Has a preference for plasma 16:0-18:2 or 18:0-18:2 phosphatidylcholines. Also produced in the brain by primary astrocytes, and esterifies free cholesterol on nascent APOE-containing lipoproteins secreted from glia and influences cerebral spinal fluid (CSF) APOE- and APOA1 levels. Together with APOE and the cholesterol transporter ABCA1, plays a key role in the maturation of glial-derived, nascent lipoproteins. Required for remodeling high-density lipoprotein particles into their spherical forms.
Product Categories/Family for anti-LCAT antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557892
NCBI GeneID	3931
NCBI Accession #	NP_000220.1
NCBI GenBank Nucleotide #	NM_000229.1
UniProt Accession #	P04180; Q53XQ3
Molecular Weight	48kd
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.