

Rabbit LPCAT1 / AYTL2 Polyclonal Antibody | anti-LPCAT1 antibody

Rabbit Polyclonal to Human LPCAT1 / AYTL2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50939	Rabbit	Gibbon, Chicken, Dog, Gorilla, Hamster, Human, Monkey, Mouse, Pig, Rat, Zebrafish Predicted Reactivity: Bat, Bovine, Xenopus (at least 90% immunogen sequence identity)	Immunohistochemistry

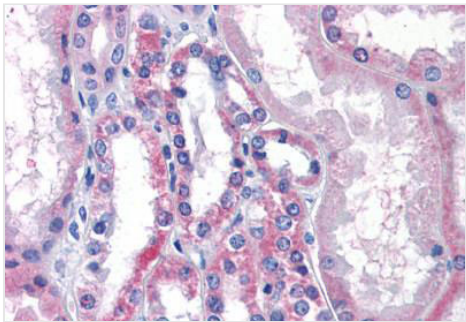
PRODUCT SYNONYMS

LPCAT1 / AYTL2; Polyclonal Antibody; Rabbit Polyclonal to Human LPCAT1 / AYTL2; Anti-LPCAT1 / AYTL2 Antibody (Internal) IHC-plus; LPCAT1; Acyltransferase like 2; Acyltransferase-like 2; AYTL2; Lpcat; Lyso-PAF acetyltransferase; PFAAP3; LPC acyltransferase 1; LPCAT-1; LysoPAFAT; LysoPC acyltransferase 1; Regulated by phosphonoformate; Human LPCAT1; anti-LPCAT1 antibody

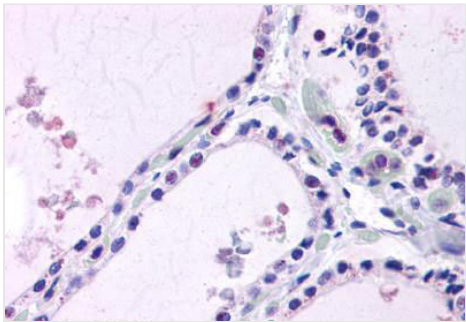
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Chicken, Dog, Gorilla, Hamster, Human, Monkey, Mouse, Pig, Rat, Zebrafish Predicted Reactivity: Bat, Bovine, Xenopus (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human LPCAT1. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except LPCAT2 (60%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	534
Applicable Applications for anti-LPCAT1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from internal region of human LPCAT1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Dog, Hamster, Pig, Opossum, Turkey, Chicken, Platypus, Zebrafish (100%).
Immunogen Type	Synthetic peptide
Immunogen	LPCAT1 / AYTL2 antibody was raised against synthetic 15 amino acid peptide from internal region of human LPCAT1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Dog, Hamster, Pig, Opossum, Turkey, Chicken, Platypus, Zebrafish (100%); Bat, Bovine, Panda, Xenopus, Stickleback (93%); Pufferfish (87%); Horse (80%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-LPCAT1 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-LPCAT1 antibody IHC of human thyroid. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33946291
NCBI GeneID	79888
NCBI Accession #	NP_079106.3
NCBI GenBank Nucleotide #	NM_024830.3
UniProt Accession #	Q8NF37; Q1HAQ1; Q7Z4G6; Q8N3U7; Q8WUL8; Q9GZW6
Molecular Weight	59,151 Da
NCBI Official Full Name	lysophosphatidylcholine acyltransferase 1
NCBI Official Synonym Full Names	lysophosphatidylcholine acyltransferase 1
NCBI Official Symbol	LPCAT1
NCBI Official Synonym Symbols	AYTL2; lpcat; PFAAP3
NCBI Protein Information	lysophosphatidylcholine acyltransferase 1; LPCAT-1; lysoPAFAT; LPC acyltransferase 1; acyltransferase like 2; acyltransferase-like 2; lysoPC acyltransferase 1; lyso-PAF acetyltransferase; regulated by phosphonoformate; acetyl-CoA:lyso-PAF acetyltransferase; phosphonoformate immuno-associated protein 3; 1-acylglycerophosphocholine O-acyltransferase; 1-alkylglycerophosphocholine O-acetyltransferase; acyl-CoA:lysophosphatidylcholine acyltransferase 1; acetyl-CoA:lyso-platelet-activating factor acetyltransferase
UniProt Protein Name	Lysophosphatidylcholine acyltransferase 1
UniProt Gene Name	LPCAT1
UniProt Synonym Gene Names	AYTL2; PFAAP3; LPC acyltransferase 1; LPCAT-1; LysoPC acyltransferase 1; Acetyl-CoA:lyso-PAF acetyltransferase; Lyso-PAF acetyltransferase; LysoPAFAT
UniProt Entry Name	PCAT1_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/polyclonal/lpcat1-aytl2-antibody-immunohistochemistry-elisa/50939>