

Rabbit LPCAT1 Polyclonal Antibody | anti-LPCAT1 antibody

LPCAT1 Polyclonal Antibody

CATALOG # AAA280256	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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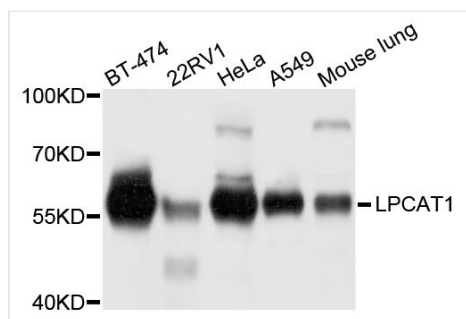
PRODUCT SYNONYMS

LPCAT1; Polyclonal Antibody; LPCAT1 Polyclonal Antibody; AYTL2; lpcat; PFAAP3; anti-LPCAT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	534
Applicable Applications for anti-LPCAT1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 325-534 of human LPCAT1 (NP_079106.3).
Species Reactivity/Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using LPCAT1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-LPCAT1 antibody	Lysophosphatidylcholine (LPC) acyltransferase (LPCAT; EC 2.3.1.23) catalyzes the conversion of LPC to phosphatidylcholine (PC) in the remodeling pathway of PC biosynthesis (Nakanishi et al., 2006)
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Product Categories/Family for anti-LPCAT1 antibody	Polyclonal
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110815902
NCBI GeneID	79888
UniProt Accession #	Q8NF37; Q1HAQ1; Q7Z4G6; Q8N3U7; Q8WUL8; Q9GZW6
Molecular Weight	Calculated MW: 59kDa Observed MW:59kDa
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-antibody-immunohistochemistry-western-blot-elisa/280256>