

Rabbit LPCAT3 Polyclonal Antibody | anti-LPCAT3 antibody

LPCAT3 Rabbit pAb

CATALOG # AAA281816	HOST Rabbit	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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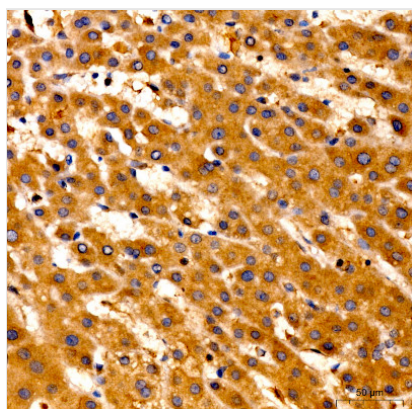
PRODUCT SYNONYMS

LPCAT3; Polyclonal Antibody; LPCAT3 Rabbit pAb; C3F; LPCAT; LPLAT 5; LPSAT; MBOAT5; OACT5; nesity; anti-LPCAT3 antibody

PRODUCT SPECIFICATIONS

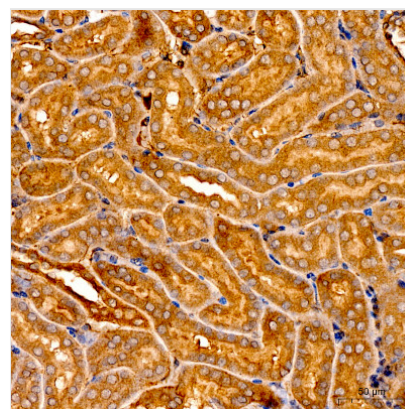
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH 7.3.
Applicable Applications for anti-LPCAT3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 200-300 of human LPCAT3 (NP_005759.4).
Species/Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



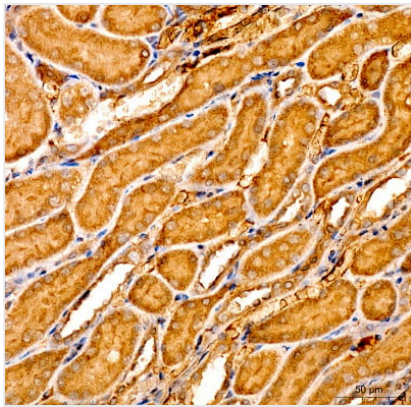
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver tissue using LPCAT3 Rabbit pAb (AAA281816) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining



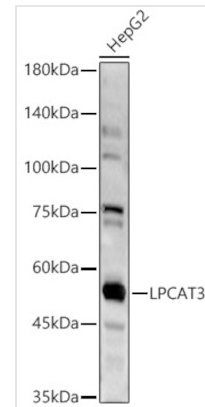
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using LPCAT3 Rabbit pAb (AAA281816) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



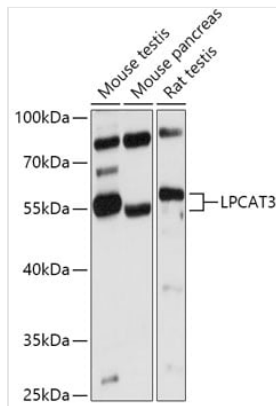
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using LPCAT3 Rabbit pAb (AAA281816) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from HepG2 cells, using LPCAT3 Rabbit pAb (AAA281816) at 1:1000 dilution. Secondary antibody: HRP-conjugated 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: 30s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using LPCAT3 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: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-LPCAT3 antibody	Enables 1-acylglycerophosphocholine O-acyltransferase activity; 1-acylglycerophosphoethanolamine O-acyltransferase activity; and 1-acylglycerophosphoserine O-acyltransferase activity. Involved in phosphatidylcholine acyl-chain remodeling; phosphatidylethanolamine acyl-chain remodeling; and phosphatidylserine acyl-chain remodeling. Located in endoplasmic reticulum membrane.
Product Categories/Family for anti-LPCAT3 antibody	Cell Biology & Developmental Biology; Ferroptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	42542394
NCBI GeneID	10162
NCBI Accession #	NP_005759.4
NCBI GenBank Nucleotide #	NM_005768.5
UniProt Accession #	Q6P1A2; Q7KZS1; Q92980; Q9BW40; B2RDH0; B7Z3N3
Molecular Weight	Observed MW: 56kDa Calculated MW: 56kDa

NCBI Official Full Name	lysophospholipid acyltransferase 5
NCBI Official Synonym Full Names	lysophosphatidylcholine acyltransferase 3
NCBI Official Symbol	LPCAT3
NCBI Official Synonym Symbols	C3F; LPCAT; LPSAT; OACT5; nessy; MBOAT5; LPLAT 5
NCBI Protein Information	lysophospholipid acyltransferase 5
UniProt Protein Name	Lysophospholipid acyltransferase 5
UniProt Gene Name	LPCAT3
UniProt Synonym Gene Names	MBOAT5; OACT5; LPLAT 5; LPCAT; Lyso-PC acyltransferase; Lyso-PC acyltransferase 3; LPSAT; Lyso-PS acyltransferase; O-acyltransferase domain-containing protein 5
UniProt Entry Name	MBOA5_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/lpcat3-antibody-immunohistochemistry-western-blot-elisa/281816>