

DNAXPAb

Hard-to-Find
Antibody

LPCAT2 DNAXPab

Catalog # H00054947-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human LPCAT2 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MSRCAQAAEVAATVPGAGVGNVGLRPPMVPRQASFFPPPVPNPFVQQTQIGSARRVQIVLLGIIL LPIRVLLVALILLAWPFAAISTVCCPEKLTHPITGWRRKITQTALKFLGRAMFFSMGFVAVKGKIAS PLEAPVFVAAPHSTFFDGIACVVAGLPSMVSRENAAQVPLIGRLLRAVQPVLVSRVDPDSRKNTI NEIIRTTSGGEWPQILVFPEGTCTNRSLITFKPGAFIPGVPVQPVLLRYPNKLDTVTWTWQGYTFI QLCMLTFCQLFTKVEVEFMPVQVPNDEEKNDPVLFAKVRNLMAEALGIPVTDHTYEDCRLMISA GQLTLPMEAGLVEFTKISRKLKLDWDGVRKHLDEYASIASSSKGGRIGIEEFAKYLKLPVSDVLRQ LFALFDRNHDGSIDFREYVIGLAVLCNPSNTEEIQVAFKLFVDDEDGYTEEEFSTILQASLGVPDL DVSGLFKEIAQGDSISYEEFKSFALKHPEYAKIFTTYLDLQTCHVFSLPKEVQTTPSTASNKVSPEK HEESTSDKKDD
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — LPCAT2

Entrez GeneID [54947](#)

GeneBank Accession# [NM_017839.3](#)

Protein Accession# [NP_060309.2](#)

Gene Name LPCAT2

Gene Alias AYTL1, DKFZp686H22112, FLJ20481, LysoPAFAT

Gene Description lysophosphatidylcholine acyltransferase 2

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the lysophospholipid acyltransferase family. The encoded enzyme may function in two ways: to catalyze the biosynthesis of platelet-activating factor (1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholine) from 1-O-alkyl-sn-glycero-3-phosphocholine, and to catalyze the synthesis of glycerophospholipid precursors from arachidonyl-CoA and lysophosphatidylcholine. The encoded protein may function in membrane biogenesis and production of platelet-activating factor in inflammatory cells. The enzyme may localize to the endoplasmic reticulum and the Golgi. [provided by RefSeq]

Other Designations acyl-CoA:lysophosphatidylcholine acyltransferase 2|acyltransferase like 1|lyso-platelet-activating factor (PAF) acetyltransferase

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)