

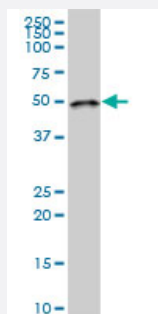
MaxPab®

LPCAT2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00054947-B01P

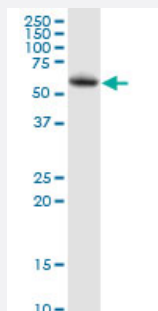
Size 50 ug

Applications



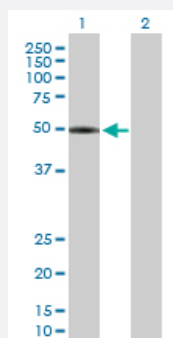
Western Blot (Tissue lysate)

AYTL1 MaxPab polyclonal antibody. Western Blot analysis of AYTL1 expression in human pancreas.



Western Blot (Cell lysate)

LPCAT2 MaxPab polyclonal antibody. Western Blot analysis of LPCAT2 expression in A-431.



Western Blot (Transfected lysate)

Western Blot analysis of LPCAT2 expression in transfected 293T cell line ([H00054947-T02](#)) by LPCAT2 MaxPab polyclonal antibody.

Lane 1: AYTL1 transfected lysate(59.84 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human LPCAT2 protein.

Immunogen	LPCAT2 (NP_060309.2, 1 a.a. ~ 544 a.a) full-length human protein.
Sequence	MSRCAQAAEVAATVPGAGVGNVGLRPPMVPRQASFFPPPVPNPFVQQTQIGSARRVQIVLLGILLPIRVLLVALILLLAWPFAAISTVCCPEKLTHPITGWRRKITQTALKFLGRAMFFSMGFVAVKGKIASPLEAPVFVAAPHSTFFDGIACVVAGLPSMVSRNENAQVPLIGRLLRAVQPVLVSRVDPDSRKNTINEIHKRTTSGGEWPQILVFPEGTCTNRSLITFKPGAFIPGVPVQPVLLRYPNKLDTVTTWTWQGYTFIQLCMLTFCQLFTKVEVEFMPVQVPNDEEKNDPVLFAFKVRNLMAEALGIPVTDHTYEDCRLMISAGQLTLPMEAGLVEFTKISRKLKLDWDGVRKHLDEYASIASSSKGGRIIEEFAKYLKLPVSDVLRQLFALFDRNHDGSIDFREYVIGLAVLCNPSNTEEIIQVAFKLFVDVEDGYTEEEFSTILQASLGVPDLDVSGLFKEIAQGDSISYEFEKSFALKHPEYAKIFTTYLDLQTCHVFSLPKEVQTTTPSTASNKVSPEKHEESTSDKKDD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (89)
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 (Tissue lysate)

AYTL1 MaxPab polyclonal antibody. Western Blot analysis of AYTL1 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Cell lysate)

LPCAT2 MaxPab polyclonal antibody. Western Blot analysis of LPCAT2 expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of LPCAT2 expression in transfected 293T cell line ([H00054947-T02](#)) by LPCAT2 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — LPCAT2

Entrez GeneID [54947](#)**GeneBank Accession#** [NM_017839](#)**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

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