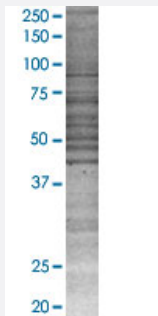


AYTL1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00054947-T02

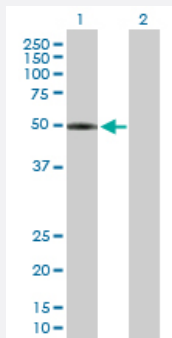
Size 100 uL

Applications



SDS-PAGE Gel

LPCAT2 transfected lysate.



Western Blot

Lane 1: LPCAT2 transfected lysate (60.20 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-AYTL1 full-length
Host	Human
Theoretical MW (kDa)	60.2
Interspecies Antigen Sequence	Mouse (88); Rat (89)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-AYTL1 antibody ([H00054947-B01P](#)) by Western Blots.
SDS-PAGE Gel
LPCAT2 transfected lysate.
Western Blot
Lane 1: LPCAT2 transfected lysate (60.20 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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

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