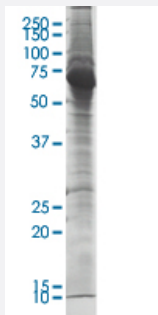


LIPA HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

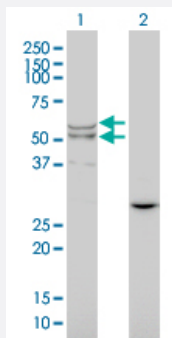
Catalog # L136T6 Size 100 ug

Applications



SDS-PAGE Gel

LIPA transfected lysate



Western Blot

Lane 1: LIPA transfected lysate (45 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-LIPA full length
Host	Human
Theoretical MW (kDa)	45
Lysis Buffer	Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Concentration	2 mg/ml

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-LIPA antibody ([H00003988-M01](#)) by Western Blots.
SDS-PAGE Gel
LIPA transfected lysate
Western Blot
Lane 1: LIPA transfected lysate (45 KDa).
Lane 2: Non-transfected lysate.

Recommend Usage

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

Storage Buffer

In modified RIPA Lysis Buffer.

Storage Instruction

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

Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

Gene Info — LIPA

Entrez GeneID

[3988](#)

GeneBank Accession#

[BC012287](#)

Protein Accession#

[AAH12287](#)

Gene Name

LIPA

Gene Alias

CESD, LAL

Gene Description

lipase A, lysosomal acid, cholesterol esterase

Omim ID

[278000](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes lipase A, the lysosomal acid lipase (also known as cholesterol ester hydrolase). This enzyme functions in the lysosome to catalyze the hydrolysis of cholesteryl esters and triglycerides. Mutations in this gene can result in Wolman disease and cholesteryl ester storage disease. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000020066|OTTHUMP00000020068|OTTHUMP00000059643|cholesterol ester hydrolase|lipase A|lysosomal acid lipase|sterol esterase

Pathway

- [Lysosome](#)
- [Steroid biosynthesis](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Tobacco Use Disorder](#)