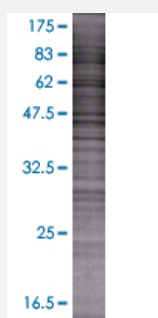


LIPA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003988-T01

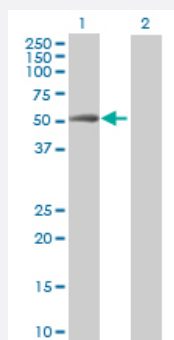
Size 100 uL

Applications



SDS-PAGE Gel

LIPA transfected lysate.



Western Blot

Lane 1: LIPA transfected lysate (44 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-LIPA full-length
Host	Human
Theoretical MW (kDa)	44
Interspecies Antigen Sequence	Mouse (74); Rat (76)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-LIPA antibody ([H00003988-B01](#)) by Western Blots.
 SDS-PAGE Gel
 LIPA transfected lysate.
 Western Blot
 Lane 1: LIPA transfected lysate (44 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 — LIPA

Entrez GeneID

[3988](#)

GeneBank Accession#

[BC012287.1](#)

Protein Accession#

[AAH12287.1](#)

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](#)