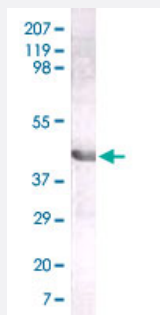


LIPA monoclonal antibody, clone 9G7F12

Catalog # MAB5527 Size 100 ug

Applications



Western Blot (Recombinant protein)

Western blot analysis using LIPA monoclonal antibody, clone 9G7F12 (Cat # MAB5527) against truncated LIPA recombinant protein.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant LIPA.
Immunogen	Recombinant protein corresponding to human LIPA.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	Western Blot (1:200-1:1000) ELISA (1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

Western blot analysis using LIPA monoclonal antibody, clone 9G7F12 (Cat # MAB5527) against truncated LIPA recombinant protein.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — LIPA

Entrez GeneID	3988
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

Publication Reference

- [A deep learning approach to identify gene targets of a therapeutic for human splicing disorders.](#)

Dadi Gao, Elisabetta Morini, Monica Salani, Aram J Krauson, Anil Chekuri, Neeraj Sharma, Ashok Ragavendran, Serkan Erdin, Emily M Logan, Wencheng Li, Amal Dakka, Jana Narasimhan, Xin Zhao, Nikolai Naryshkin, Christopher R Trotta, Kerstin A Effenberger, Matthew G Woll, Vijayalakshmi Gabbeta, Gary Karp, Yong Yu, Graham Johnson, William D Paquette, Garry R Cutting, Michael E Talkowski, Susan A Slaughaupt.

Nature Communications 2021 Jun; 12(1):3332.

Application: WB-Ce, Human, Human fibroblasts

- [Severe chronic diarrhea and weight loss in cholesteryl ester storage disease: a case report.](#)

Drebber U, Andersen M, Kasper HU, Lohse P, Stolte M, Dienes HP.

World Journal of Gastroenterology 2005 Apr; 11(15):2364.

- [Wolman disease and cholesteryl ester storage disease diagnosed by histological and ultrastructural examination of intestinal and liver biopsy.](#)

Boldrini R, Devito R, Biselli R, Filocamo M, Bosman C.

Pathology, Research and Practice 2004 Jan; 200(3):231.

Pathway

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

Disease

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