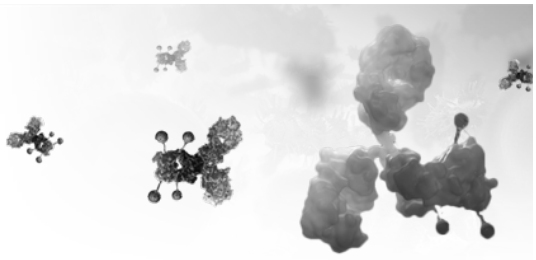

Mouse anti-Human LIPA monoclonal antibody, clone 2G0 (CABT-B10568)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	LIPA (AAH12287, 1 a.a. ~ 400 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	2G0
Conjugate	Unconjugated
Applications	WB,IP,sELISA,ELISA
Sequence Similarities	MKMRFLGLVVCLVLWPLHSEGSGGKLTALDPETNMNVSEIISYWGFPSEEYLVETEDGYI LCLNRIPHGRKNHSDKGPKPVVFLQHGLLADSSNWVTNLANSSLGFILADAGFDVWMGNS RGNTWSRKHKTLSVSQDEFWAFSYDEMAKYDLPASINFILNKTGQEQVYYVGHSQGTTIG FIAFSQIPELAKRIKMFFALGPVASVAFCTSPMAKLGRLPDHLIKDLFGDKEFLPQSAFL KWLGTHVCTHVILKE
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

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Introduction	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 have been found for this gene. [provided by RefSeq, Jan 2014]
Keywords	LIPA; lipase A, lysosomal acid, cholesterol esterase; LAL; CESD; lysosomal acid lipase/cholesteryl ester hydrolase; sterol esterase; cholesteryl esterase; lysosomal acid lipase; cholesterol ester hydrolase; acid cholesteryl ester hydrolase;

GENE INFORMATION

Entrez Gene ID	3988
UniProt ID	P38571
Pathway	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Steroid biosynthesis, organism-specific biosystem; Steroid biosynthesis, conserved biosystem
Function	hydrolase activity; lipase activity; lipase activity; sterol esterase activity; sterol esterase activity

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