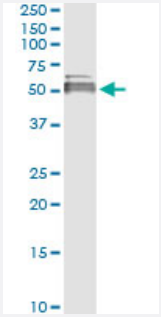
LIPA (Human) IP-WB Antibody Pair

Catalog # H00003988-PW1 Size 1 Set

Applications



Immunoprecipitation of LIPA transfected lysate using mouse monoclonal anti-LIPA and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-LIPA.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (74%); Rat (75%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of LIPA transfected lysate using mouse monoclonal anti-LIPA and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-LIPA.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-LIPA (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-LIPA (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

  Protocol Download

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

Pathway

- Lysosome
- Steroid biosynthesis

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Diabetes Mellitus
- Drug Toxicity
- Edema

- Genetic Predisposition to Disease
- Hypercholesterolemia
- Tobacco Use Disorder