

Mouse LIPG Monoclonal Antibody | anti-LIPG antibody

LIPG antibody

CATALOG # AAA107369	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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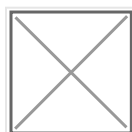
PRODUCT SYNONYMS

LIPG; Monoclonal Antibody; LIPG antibody; Monoclonal LIPG; Anti-LIPG; Endothelial lipase; EDL; Lipoprotein lipase H; PRO719; anti-LIPG antibody

PRODUCT SPECIFICATIONS

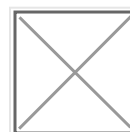
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4C1
Purity/Purification	LIPG antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	500
Applicable Applications for anti-LIPG antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	LIPG has substantial phospholipase activity and may be involved in lipoprotein metabolism and vascular biology. This protein is designated a member of the TG lipase family by its sequence and characteristic lid region which provides substrate specificity for enzymes of the TG lipase family.
Cross-Reactivity	Human
Immunogen	LIPG antibody was raised in mouse using a full length recombinant protein of human LIPG (NP_006024) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant LIPG protein using LIPG antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of LIPG protein in paraffin embedded Human Kidney tissue using LIPG antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant LIPG protein (Right) or empty vector (Left) detected with LIPG antibody

ADDITIONAL INFORMATION

Related Product Information for anti-LIPG antibody	Mouse monoclonal LIPG antibody
Product Categories/Family for anti-LIPG antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174497
NCBI GeneID	9388
NCBI Accession #	NP_006024
NCBI GenBank Nucleotide #	NM_006033.2
UniProt Accession #	Q9Y5X9 ; Q6P9C8 ; Q6UW82 ; B0LPG6
Molecular Weight	39,362 Da
NCBI Official Full Name	endothelial lipase isoform 1
NCBI Official Synonym Full Names	lipase, endothelial
NCBI Official Symbol	LIPG
NCBI Official Synonym Symbols	EL; EDL; PRO719
NCBI Protein Information	endothelial lipase
UniProt Protein Name	Endothelial lipase
UniProt Gene Name	LIPG
UniProt Synonym Gene Names	EDL; EL
UniProt Entry Name	LIPE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lipg-antibody-clone-4c1-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107369>