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LIPG Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant LIPG.
Catalog # AT2720a

Product Information

Application	WB, E
Primary Accession	Q9Y5X9
Other Accession	BC060825
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1E12
Calculated MW	56795

Additional Information

Gene ID	9388
Other Names	Endothelial lipase, Endothelial cell-derived lipase, EDL, EL, LIPG
Target/Specificity	LIPG (AAH60825.1, 21 a.a. ~ 500 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	LIPG Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

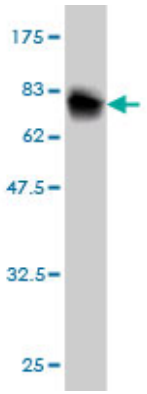
The protein encoded by this gene has substantial phospholipase activity and may be involved in lipoprotein metabolism and vascular biology. This protein is designated a member of the TG lipase family by its sequence and characteristic lid region which provides substrate specificity for enzymes of the TG lipase family.

References

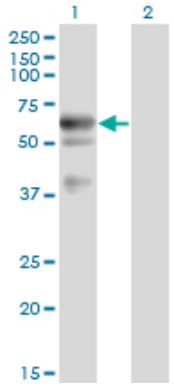
Pharmacogenetic analysis of lipid responses to rosuvastatin in Chinese patients. Hu M, et al. Pharmacogenet Genomics, 2010 Oct. PMID 20679960.Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone

Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Role of endothelial lipase in atherosclerosis. Huang J, et al. Transl Res, 2010 Jul. PMID 20621031.Physiogenomic analysis of statin-treated patients: domain-specific counter effects within the ACACB gene on low-density lipoprotein cholesterol? Rua?o G, et al. Pharmacogenomics, 2010 Jul. PMID 20602615.Evaluating the discriminative power of multi-trait genetic risk scores for type 2 diabetes in a northern Swedish population. Fontaine-Bisson B, et al. Diabetologia, 2010 Oct. PMID 20571754.

Images

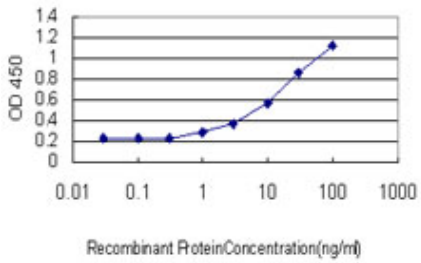


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (78.54 KDa) .



Western Blot analysis of LIPG expression in transfected 293T cell line by LIPG monoclonal antibody (M02), clone 1E11.

Lane 1: LIPG transfected lysate(56.8 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged LIPG is approximately 1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.