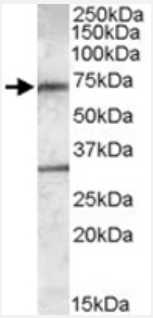
LIPG polyclonal antibody

Catalog # PAB11427 Size 100 ug

Applications



Western Blot (Tissue lysate)

LIPG polyclonal antibody (Cat # PAB11427) (0.3 ug/mL) staining of human liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of LIPG.
Immunogen	A synthetic peptide corresponding to human LIPG.
Sequence	C-RFNLRTSKDPEHEG
Host	Goat
Theoretical MW (kDa)	56.8
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) Western blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.

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Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% 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 shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — LIPG

Entrez GeneID	9388
Protein Accession#	NP_006024.1
Gene Name	LIPG
Gene Alias	EDL, EL, PRO719
Gene Description	lipase, endothelial
Omim ID	603684
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene has substantial phospholipase activity and may be involved in li poprotein metabolism and vascular biology. This protein is designated a member of the TG lipas e family by its sequence and characteristic lid region which provides substrate specificity for enzy mes of the TG lipase family. [provided by RefSeq
Other Designations	endothelial cell-derived lipase|endothelial lipase|lipoprotein lipase H

Publication Reference

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- Hepatic proprotein convertases modulate HDL metabolism.

  Jin W, Wang X, Millar JS, Quertermous T, Rothblat GH, Glick JM, Rader DJ.

  Cell Metabolism 2007 Aug; 6(2):129.

  Application: WB-Tr, Human, HEK 293 cells

- Dysregulation of placental endothelial lipase and lipoprotein lipase in intrauterine growth-restricted pregnancies.

  Gauster M, Hiden U, Blaschitz A, Frank S, Lang U, Alvino G, Cetin I, Desoye G, Wadsack C.

  The Journal of Clinical Endocrinology and Metabolism 2007 Jun; 92(6):2256.

  Application: IHC-P, Human, Human firsttrimester, term placentas

Pathway

- Glycerolipid metabolism
- Metabolic pathways

Disease

- Acute Disease
- Alzheimer Disease
- Atherosclerosis
- Calcinosis
- Cardiovascular Diseases
- Cerebral Infarction
- Coronary Artery Disease
- Coronary Disease
- Dementia
- Diabetes Mellitus
- Drug Toxicity
- Dyslipidemias

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- Edema
- Genetic Predisposition to Disease
- HIV Infections
- Hypercholesterolemia
- Hypertension
- Hypertriglyceridemia
- Intracranial Thrombosis
- Kidney Failure
- Myocardial Infarction
- Obesity
- Thrombosis
- Venous Thrombosis

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