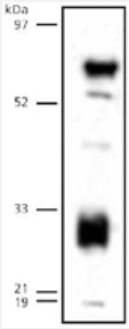
# LIPG polyclonal antibody

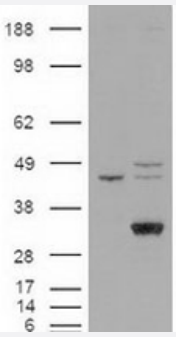
Catalog # PAB12405 Size 100 uL

## Applications




### Western Blot (Transfected lysate)

Western blot analysis of LIPG on human endothelial lipase detected in transfected 293 lysates using LIPG polyclonal antibody (Cat # PAB12405).




### Western Blot (Transfected lysate)

Western blot analysis of LIPG in cell lysates that were transfected with the pCMV6-ENTRY control or pCMV6-ENTRY LIPG cDNA using LIPG polyclonal antibody (Cat # PAB12405).

## Specification

| | |
|---|---|
| **Product Description** | Rabbit polyclonal antibody raised against synthetic peptide of LIPG. |
| **Immunogen** | A synthetic peptide corresponding to C-terminus of human LIPG. |
| **Host** | Rabbit |
| **Reactivity** | Human, Primates |
| **Specificity** | This antibody is specific to human endothelial lipase. |
| **Form** | Liquid |

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| | |
|---|---|
| **Recommend Usage** | Western Blot (1:500)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In Tris-citrate/phosphate buffer, pH 7.0-8.0 (0.09% sodium azide) |
| **Storage Instruction** | Store at 4°C. Do not freeze. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

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## Gene Info — LIPG

| | |
|---|---|
| **Entrez GeneID** | 9388 |
| **Protein Accession#** | Q9Y5X9 |
| **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 |

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## Publication Reference

- Hepatic SR-BI, not endothelial lipase, expression determines biliary cholesterol secretion in mice.

  Wiersma H, Gatti A, Nijstad N, Kuipers F, Tietge UJ.

  Journal of Lipid Research 2009 Feb; 50(8):1571.

- Scavenger receptor BI-mediated selective uptake is required for the remodeling of high density lipoprotein by endothelial lipase.

  Nijstad N, Wiersma H, Gautier T, van der Giet M, Maugeais C, Tietge UJ.

  The Journal of Biological Chemistry 2009 Jan; 284(10):6093.

## 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

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

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