

Endothelial Lipase Blocking Peptide
Catalog # PBV10293b**Specification**

Endothelial Lipase Blocking Peptide - Product Information

Primary Accession	Q9Y5X9
Gene ID	9388
Calculated MW	56795

Endothelial Lipase Blocking Peptide - Additional Information**Gene ID** 9388**Application & Usage**

The peptide is used for blocking the antibody activity of Endothelial Lipase. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C

Other Names

Endothelial lipase, 3.1.1.3, Endothelial cell-derived lipase, EDL, EL, LIPG

Target/Specificity

Endothelial Lipase

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Endothelial Lipase Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Endothelial Lipase Blocking Peptide - Protein Information**Name** LIPG**Function**

Exerts both phospholipase and triglyceride lipase activities (PubMed:12032167, PubMed:10318835, PubMed:10192396). More active

as a phospholipase than a triglyceride lipase (PubMed:12032167). Hydrolyzes triglycerides, both with short-chain fatty acyl groups (tributyrin) and long-chain fatty acyl groups (triolein) with similar levels of activity toward both types of substrates (PubMed:12032167). Hydrolyzes high density lipoproteins (HDL) more efficiently than other lipoproteins (PubMed:12032167, PubMed:10192396).

Cellular Location

Secreted.

Tissue Location

High level of expression in the liver, placenta, lung, thyroid, kidney, testis and in the corpus luteum of the ovary Expressed also in coronary artery endothelial cells, umbilical vein endothelial cells and in hepatocytes and osteosarcoma cell lines. Not detected in heart, brain and muscle.

Endothelial Lipase Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Endothelial Lipase Blocking Peptide - Images