



## Rabbit Anti-Endothelial lipase antibody

SL10188R

<b>Product Name:</b>	Endothelial lipase
<b>Chinese Name:</b>	内皮脂肪酶抗体
<b>Alias:</b>	LIPG; EC 3.1.1.3; EDL; EL; Endothelial cell-derived lipase; Endothelial lipase; Endothelial lipase precursor; Lipase endothelial; LIPE_HUMAN; LIPG; Lipoprotein lipase H; PL; PRO719.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	55kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	Recombined human Endothelial lipase:
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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. [provided by RefSeq, Jul 2008]

**Function:**

Has phospholipase and triglyceride lipase activities. Hydrolyzes high density lipoproteins (HDL) more efficiently than other lipoproteins. Binds heparin.

**Subunit:**

Head to tail homodimer.

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

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.

**Similarity:**

Belongs to the AB hydrolase superfamily. Lipase family.  
Contains 1 PLAT domain.

**SWISS:**

Q9Y5X9

**Gene ID:**

9388

**Database links:**

[Entrez Gene: 9388](#)Human

[Entrez Gene: 291437](#)Rat

[Oimim: 603684](#)Human

[SwissProt: Q9Y5X9](#)Human

[SwissProt: Q8VBX1](#)Rat

[Unigene: 465102](#)Human

[Unigene: 199051](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.