

LIPG / Endothelial Lipase Antibody (aa19-32)
Rabbit Polyclonal Antibody
Catalog # ALS16512**Specification**

LIPG / Endothelial Lipase Antibody (aa19-32) - Product Information

Application	IHC
Primary Accession	O9Y5X9
Other Accession	9388
Reactivity	Human, Mouse, Rat, Pig, Sheep
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	56795

LIPG / Endothelial Lipase Antibody (aa19-32) - Additional Information**Gene ID** 9388**Other Names**

LIPG, EDL, EL, Lipoprotein lipase H, Lipase, endothelial, PRO719, Endothelial lipase

Target/Specificity

human endothelial lipase amino acids 19-32

Reconstitution & Storage

TBS, pH 7.4, 0.02% sodium azide, 0.5 mg/ml BSA, 50% glycerol. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

LIPG / Endothelial Lipase Antibody (aa19-32) is for research use only and not for use in diagnostic or therapeutic procedures.

LIPG / Endothelial Lipase Antibody (aa19-32) - 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).

href="http://www.uniprot.org/citations/12032167" target="_blank">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.

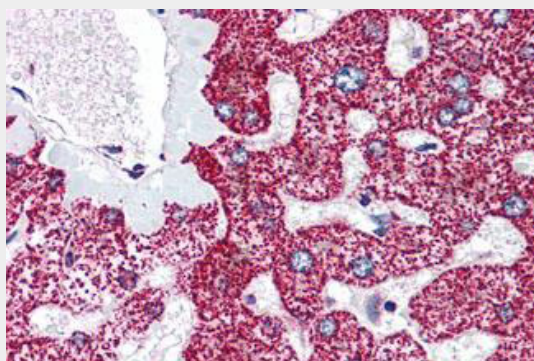
Volume

100 µl

LIPG / Endothelial Lipase Antibody (aa19-32) - 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](#)

LIPG / Endothelial Lipase Antibody (aa19-32) - Images

Anti-LIPG antibody IHC of human liver.

LIPG / Endothelial Lipase Antibody (aa19-32) - Background

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

LIPG / Endothelial Lipase Antibody (aa19-32) - References

Hirata K.,et al.J. Biol. Chem. 274:14170-14175(1999).
Jaye M.,et al.Nat. Genet. 21:424-428(1999).
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
McCoy M.G.,et al.J. Lipid Res. 43:921-929(2002).

