

Lipoprotein Lipase Rabbit mAb
Catalog # AP76964**Specification**

Lipoprotein Lipase Rabbit mAb - Product Information

Application	WB
Primary Accession	P06858
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	53162

Lipoprotein Lipase Rabbit mAb - Additional Information**Gene ID** 4023**Other Names**

LPL

Dilution

WB~~1/500-1/1000

Format

Liquid

Lipoprotein Lipase Rabbit mAb - Protein Information**Name** LPL**Synonyms** LIPD**Function**

Key enzyme in triglyceride metabolism. Catalyzes the hydrolysis of triglycerides from circulating chylomicrons and very low density lipoproteins (VLDL), and thereby plays an important role in lipid clearance from the blood stream, lipid utilization and storage (PubMed: [11342582](http://www.uniprot.org/citations/11342582), PubMed: [27578112](http://www.uniprot.org/citations/27578112), PubMed: [8675619](http://www.uniprot.org/citations/8675619)). Although it has both phospholipase and triglyceride lipase activities it is primarily a triglyceride lipase with low but detectable phospholipase activity (PubMed: [12032167](http://www.uniprot.org/citations/12032167), PubMed: [7592706](http://www.uniprot.org/citations/7592706)). Mediates margination of triglyceride-rich lipoprotein particles in capillaries (PubMed: [24726386](http://www.uniprot.org/citations/24726386)). Recruited to its site of action on the luminal surface of vascular endothelium by binding to GPIHBP1 and cell surface heparan sulfate proteoglycans (PubMed: [11342582](http://www.uniprot.org/citations/11342582), PubMed: [27811232](http://www.uniprot.org/citations/27811232)).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P11151}; Peripheral membrane protein {ECO:0000250|UniProtKB:P11151}; Extracellular side {ECO:0000250|UniProtKB:P11151}. Secreted. Secreted, extracellular space, extracellular matrix. Note=Newly synthesized LPL binds to cell surface heparan proteoglycans and is then released by heparanase Subsequently, it becomes attached to heparan proteoglycan on endothelial cells (PubMed:27811232). Locates to the plasma membrane of microvilli of hepatocytes with triglyceride-rich lipoproteins (TRL) Some of the bound LPL is then internalized and located inside non-coated endocytic vesicles (By similarity) {ECO:0000250|UniProtKB:P11151, ECO:0000269|PubMed:27811232}

Tissue Location

Detected in blood plasma (PubMed:11893776, PubMed:12641539, PubMed:2340307). Detected in milk (at protein level) (PubMed:2340307).

Lipoprotein Lipase Rabbit mAb - 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](#)

Lipoprotein Lipase Rabbit mAb - Images

