

LIPC Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11249a**Specification**

LIPC Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [P11150](#)**LIPC Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 3990**Other Names**

Hepatic triacylglycerol lipase, HL, Hepatic lipase, Lipase member C, LIPC, HTGL

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

LIPC Antibody (N-term) Blocking peptide - Protein Information**Name** LIPC**Synonyms** HTGL**Function**

Catalyzes the hydrolysis of triglycerides and phospholipids present in circulating plasma lipoproteins, including chylomicrons, intermediate density lipoproteins (IDL), low density lipoproteins (LDL) of large size and high density lipoproteins (HDL), releasing free fatty acids (FFA) and smaller lipoprotein particles (PubMed:7592706, PubMed:8798474, PubMed:12032167, PubMed:26193433). Also exhibits lysophospholipase activity (By similarity). Can hydrolyze both neutral lipid and phospholipid substrates but shows a greater binding affinity for neutral lipid substrates than phospholipid substrates (By similarity). In native LDL, preferentially hydrolyzes the phosphatidylcholine species containing polyunsaturated fatty acids at sn-2 position (PubMed:26193433).

Cellular Location

Secreted.

LIPC Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

LIPC Antibody (N-term) Blocking peptide - Images**LIPC Antibody (N-term) Blocking peptide - Background**

LIPC encodes hepatic triglyceride lipase, which is expressed in liver. LIPC has the dual functions of triglyceride hydrolase and ligand/bridging factor for receptor-mediated lipoprotein uptake.

LIPC Antibody (N-term) Blocking peptide - References

Reynolds, R., et al. Ophthalmology 117(10):1989-1995(2010) Jablonski, K.A., et al. Diabetes 59(10):2672-2681(2010) Hu, M., et al. Pharmacogenet. Genomics 20(10):634-637(2010) Romero, R., et al. Am. J. Obstet. Gynecol. 203 (4), 361 (2010) :Kashani Farid, M.A., et al. Lipids Health Dis 9, 96 (2010) :