

Hepatic Lipase Polyclonal Antibody
Catalog # AP70309**Specification**

Hepatic Lipase Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P11150
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Hepatic Lipase Polyclonal Antibody - Additional Information**Gene ID** 3990**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Hepatic Lipase Polyclonal Antibody - 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:<<http://www.uniprot.org/citations/12032167>>12032167, PubMed:<<http://www.uniprot.org/citations/26193433>>26193433, PubMed:<<http://www.uniprot.org/citations/7592706>>7592706, PubMed:<<http://www.uniprot.org/citations/8798474>>8798474). 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:<<http://www.uniprot.org/citations/26193433>>26193433).

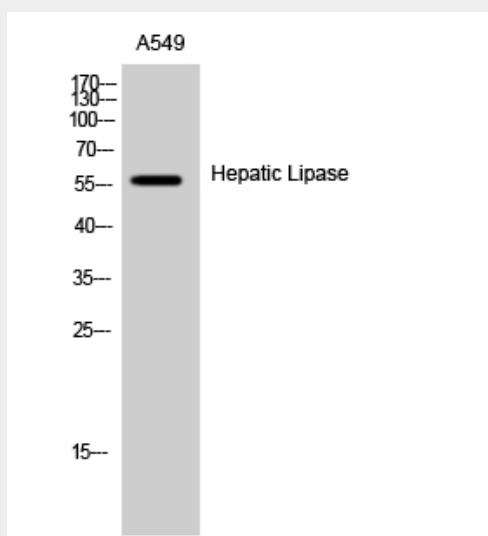
Cellular Location
Secreted.

Hepatic Lipase Polyclonal Antibody - 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](#)

Hepatic Lipase Polyclonal Antibody - Images



Western Blot analysis of A549 cells using Hepatic Lipase Polyclonal Antibody

Hepatic Lipase Polyclonal Antibody - Background

Hepatic lipase has the capacity to catalyze hydrolysis of phospholipids, mono-, di-, and triglycerides, and acyl-CoA thioesters. It is an important enzyme in HDL metabolism. Hepatic lipase binds heparin.