

LIPC antibody - C-terminal region

Rabbit Polyclonal Antibody Catalog # AI14963

Product Information

Application WB Primary Accession P11150

Other AccessionNM_000236, NP_000227ReactivityHuman, Rabbit, Guinea PigPredictedHuman, Rabbit, Guinea Pig

Host Rabbit
Clonality Polyclonal
Calculated MW 55914

Additional Information

Gene ID 3990

Alias Symbol HDLCQ12, HL, HTGL, LIPH

Other Names Hepatic triacylglycerol lipase, HL, Hepatic lipase, 3.1.1.3, Lipase member C,

LIPC, HTGL

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 50 ul of distilled water. Final anti-LIPC antibody concentration is 1 mg/ml

in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C.

Avoid repeat freeze-thaw cycles.

Precautions LIPC antibody - C-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

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: 12032167, PubMed: 26193433, PubMed: 7592706,

PubMed:<u>8798474</u>). 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.

References

Stahnke G., et al. Differentiation 35:45-52(1987).

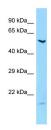
Datta S., et al. J. Biol. Chem. 263:1107-1110(1988).

Martin G.A., et al. J. Biol. Chem. 263:10907-10914(1988).

Cai S.J., et al. Biochemistry 28:8966-8971(1989).

Ameis D., et al. J. Biol. Chem. 265:6552-6555(1990).

Images



WB Suggested Anti-LIPC Antibody Titration: 1.0 µg/ml Positive Control: Fetal Liver

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.