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LIPC antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14963

Product Information

Application	WB
Primary Accession	P11150
Other Accession	NM_000236, NP_000227
Reactivity	Human, Rabbit, Guinea Pig
Predicted	Human, 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: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: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'.