

Datasheet for ABIN7601582
anti-LIPC antibody (AA 39-494)



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Overview

Quantity:	100 µg
Target:	LIPC
Binding Specificity:	AA 39-494
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIPC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-LIPC Antibody Picoband®
Immunogen:	E.coli-derived rat LIPC recombinant protein (Position: E39-D494).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-LIPC Antibody Picoband® (ABIN7601582). Tested in ELISA, IF, IHC, ICC, WB applications. This antibody reacts with Human, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	LIPC
Alternative Name:	Lipc (LIPC Products)
Background:	Synonyms: Hepatic triacylglycerol lipase, HL, Hepatic lipase, Lipase member C, Lipc Background: Hepatic lipase (HL), also called hepatic triglyceride lipase (HTGL) or LIPC (for "lipase, hepatic"), is a form of lipase, catalyzing the hydrolysis of triacylglyceride. It is mapped to 8q24. 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.
Molecular Weight:	56 kDa
Gene ID:	24538
UniProt:	P07867
Pathways:	Lipid Metabolism

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Rat Immunohistochemistry (Paraffin-embedded Section), 0.5-1 µg/mL, Human, Rat Immunocytochemistry/Immunofluorescence, 2 µg/mL, Human ELISA, 0.1-0.5 µg/mL, 1. Ameis, D., Stahnke, G., Kobayashi, J., McLean, J., Lee, G., Buscher, M., Schotz, M. C., Will, H. Isolation and characterization of the human hepatic lipase gene. J. Biol. Chem. 265: 6552-6555, 1990. 2. Brown, R. J., Gauthier, A., Parks, R. J., McPherson, R., Sparks, D. L., Schultz, J. R., Yao, Z. Severe hypoalphalipoproteinemia in mice expressing human hepatic lipase deficient in binding to heparan sulfate proteoglycan. J. Biol. Chem. 279: 42403-42409, 2004. 3. Cai, S.-J., Wong, D. M., Chen, S.-H., Chan, L. Structure of the human hepatic triglyceride lipase gene. Biochemistry 28: 8966-8971, 1989.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg NaN ₃ .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.