

Immunotag™
Hepatic Lipase Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT2126
Product Description	Immunotag™ Hepatic Lipase Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Hepatic Lipase
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human LIPC. AA range:301-350
Specificity	Hepatic Lipase Polyclonal Antibody detects endogenous levels of Hepatic Lipase protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	LIPC
Accession No.	P11150 P27656
Alternate Names	LIPC; HTGL; Hepatic triacylglycerol lipase; HL; Hepatic lipase; Lipase member C
Description	lipase C, hepatic type(LIPC) Homo sapiens 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. [provided by RefSeq, Jul 2008],

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Cell Pathway/ Category	Glycerolipid metabolism,
Protein Expression	Donated clones,Liver,Thymus,
Subcellular Localization	extracellular region,extracellular space,endoplasmic reticulum lumen,high-density lipoprotein particle,
Protein Function	catalytic activity:Triacylglycerol + H(2)O = diacylglycerol + a carboxylate.,disease:Defects in LIPC are the cause of hepatic lipase deficiency (HL deficiency) [MIM:151670].,function: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.,online information:The Singapore human mutation and polymorphism database,similarity:Belongs to the AB hydrolase superfamily. Lipase family.,similarity:Contains 1 PLAT domain.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.