



Hepatic Lipase Monoclonal Antibody

Catalog No	YP-mAb-02652
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LIPC
Immunogen	The antiserum was produced against synthesized peptide derived from human LIPC. AA range:301-350
Specificity	Hepatic Lipase Monoclonal Antibody detects endogenous levels of Hepatic Lipase protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HDLCQ12;Hepatic lipase;Hepatic triacylglycerol lipase;HL;HTGL;Lipase member C;lipase;hepatic;LIPC;LIPH
Observed Band	56kD
Calculated Molecular Weight	56kD
Cell Pathway	Secreted .
Tissue Specificity	Donated clones,Liver,Thymus,
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.,



Background

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],

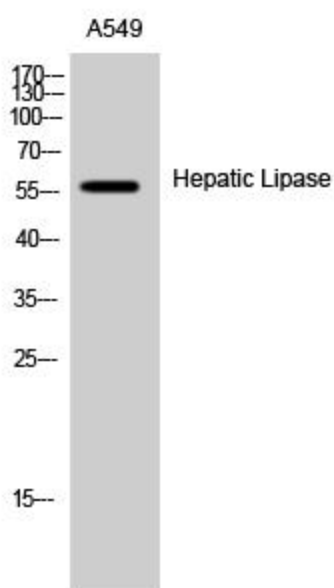
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Hepatic Lipase Monoclonal Antibody