



Hepatic Lipase Polyclonal Antibody

Catalog No	YP-Ab-02652
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	LIPC
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.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
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

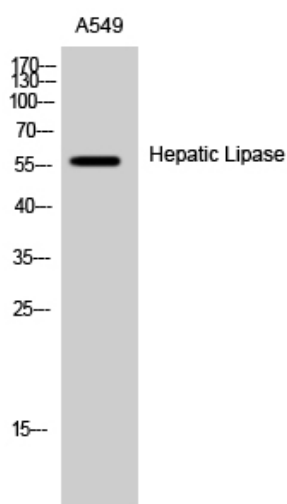
Avoid repeated freezing and thawing!

Usage suggestions

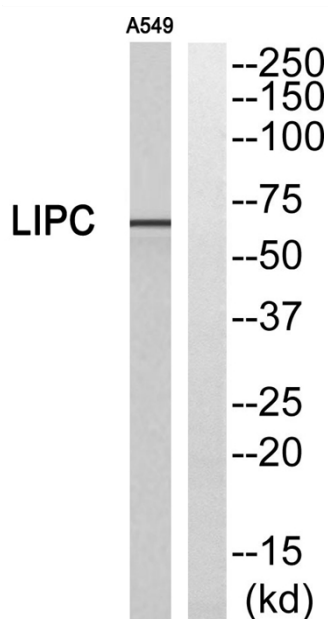
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



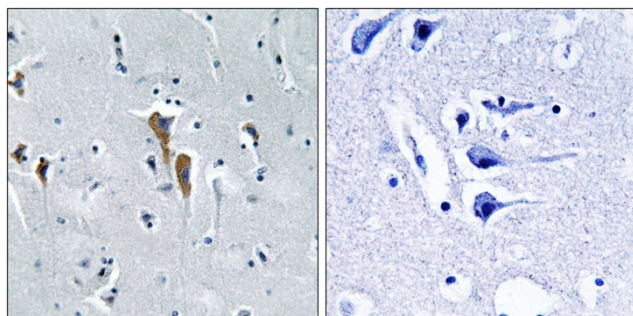
Products Images



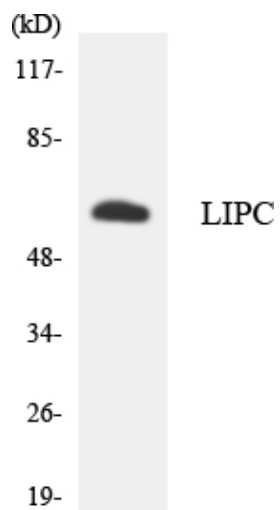
Western Blot analysis of A549 cells using Hepatic Lipase Polyclonal Antibody



Western blot analysis of LIPC Antibody. The lane on the right is blocked with the LIPC peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using LIPC Antibody. The lane on the right is blocked with the LIPC peptide.



Western blot analysis of the lysates from HT-29 cells using LIPC antibody.