




Product datasheet

Anti-LIPC antibody ab217360

★★★★★ 1 Abreviews 2 Images

Overview

Product name	Anti-LIPC antibody
Description	Rabbit polyclonal to LIPC
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	<p>Reacts with: Human</p> <p>Predicted to work with: Mouse, Rat </p>
Immunogen	<p>Synthetic peptide within Human LIPC aa 335-360 conjugated to keyhole limpet haemocyanin. The exact sequence is proprietary.</p> <p>Sequence:</p> <p>KSKRLFLVTRAQSPFKVYHYQFKIQF</p> <p>Database link: P11150</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	HeLa cell lysate; Human liver carcinoma tissue.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 1% BSA, 50% Glycerol
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab217360** in the following tested applications.

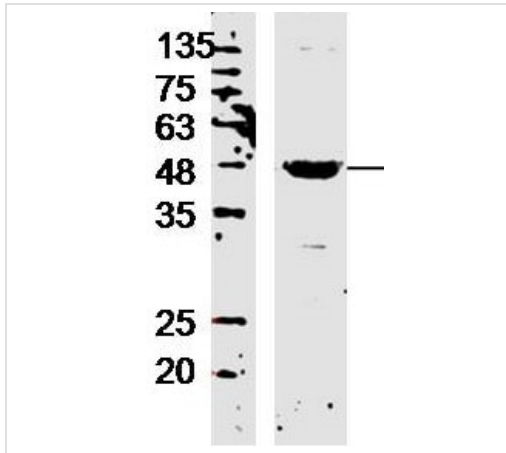
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★☆	1/100 - 1/1000. Predicted molecular weight: 56 kDa.

Target

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.
Involvement in disease	Defects in LIPC are the cause of hepatic lipase deficiency (HL deficiency) [MIM:151670].
Sequence similarities	Belongs to the AB hydrolase superfamily. Lipase family. Contains 1 PLAT domain.
Cellular localization	Secreted.

Images



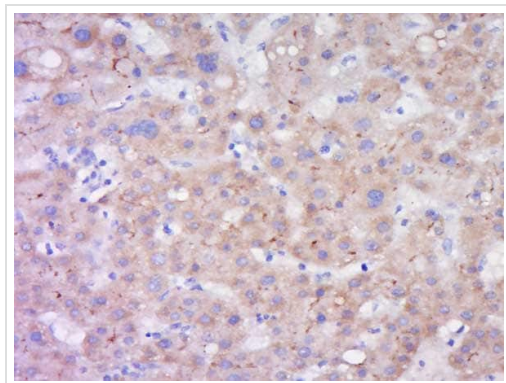
Western blot - Anti-LIPC antibody (ab217360)

Anti-LIPC antibody (ab217360) at 1/300 dilution + HeLa cell lysate

Secondary

Goat Anti-Goat Anti-Rabbit IgG Antibody (H+L), HRP Conjugated at 1/5000 dilution

Predicted band size: 56 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LIPC antibody (ab217360)

Immunohistochemical analysis of paraformaldehyde-fixed, paraffin-embedded Human liver carcinoma tissue labeling LIPC with ab217360 at 1/200 dilution overnight at 4°C, followed by a conjugated secondary antibody and DAB staining.

Antigen retrieval by boiling in sodium citrate buffer (pH 6) for 15 minutes; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (BSA or normal goat serum) at 37°C for 20 minutes.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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