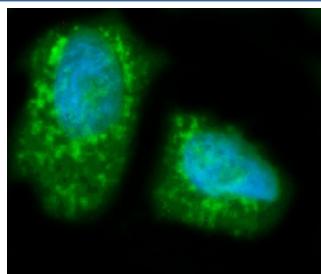


## Hepatic Lipase Antibody / LIPC (RQ5666)

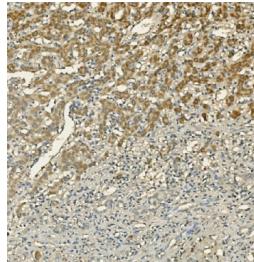
| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| RQ5666      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

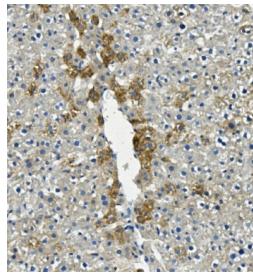
|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Human, Rat   |
| <b>Format</b>             | Antigen affinity purified  |
| <b>Clonality</b>          | Polyclonal   |
| <b>Isotype</b>            | Rabbit IgG   |
| <b>Purity</b>             | Affinity purified  |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide  |
| <b>UniProt</b>            | P07867   |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>Immunohistochemistry : 1-2ug/ml<br>Immunofluorescence : 2-4ug/ml<br>Direct ELISA : 0.1-0.5ug/ml |
| <b>Limitations</b>        | This Hepatic Lipase antibody is available for research use only.   |



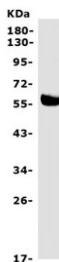
Immunofluorescent staining of FFPE human HepG2 cells with Hepatic Lipase antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



IHC staining of FFPE human liver cancer with Hepatic Lipase antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat liver with Hepatic Lipase antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of rat liver lysate with Hepatic Lipase antibody. Predicted molecular weight ~56 kDa.

## Description

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.

## Application Notes

Optimal dilution of the Hepatic Lipase antibody should be determined by the researcher.

## Immunogen

Recombinant rat protein (amino acids E39-D494) was used as the immunogen for the Hepatic Lipase antibody.

## Storage

After reconstitution, the Hepatic Lipase antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.