

### **International Office**

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# EB07364 - Goat Anti-LIPF Antibody

Size: 100µg specific antibody in 200µl



# **Target Protein**

Principal Names: LIPF, lipase, gastric, GL, HGL, HLAL, MGC138477, MGC142271,

gastric lipase, gastric triacylglycerol lipase

Official Symbol: LIPF

Accession Number(s): NP\_004181.1

Human GeneID(s): 8513

## **Immunogen**

Peptide with sequence C-NDIVSMISEDKK, from the C Terminus of the protein sequence according to NP\_004181.1.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Preliminary experiments gave an approx 50kDa band in Human Duodenum lysates after 0.02μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 45.2kDa according to NP\_004181.1. The 50kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### **Species Reactivity**

Tested:

Expected from sequence similarity: Human