

### **International Office**

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# EB09118 - Goat Anti-HAMP Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: HAMP, hepcidin antimicrobial peptide, HEPC, HEPCIDIN, HFE2B, LEAP-1, LEAP1, PLTR, liver-expressed antimicrobial peptide, putative liver tumor regressor Official Symbol: HAMP Accession Number(s): NP\_066998.1 Human GenelD(s): 57817

#### Immunogen

Peptide with sequence TSGSVFPQQTGQLAE-C, from the N Terminus (near) of the protein sequence according to NP\_066998.1.

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**

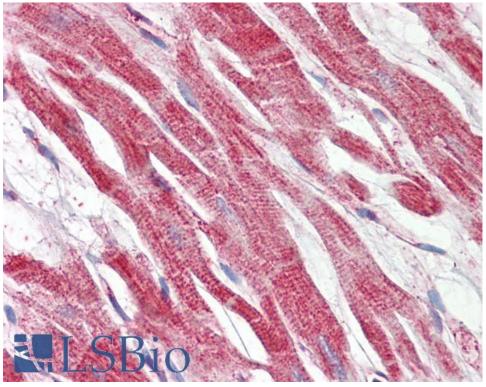
Peptide ELISA: antibody detection limit dilution 1:16000.

**Western blot:** Preliminary experiments gave an approx 28kDa band in Human Liver lysates after  $0.1\mu$ g/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 9.41kDa according to NP\_066998.1. The 28kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Heart. Recommended concentration: 3.75µg/ml.

#### **Species Reactivity**

Tested: Human Expected from sequence similarity: Human



EB09118 (3.75µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.