

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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 GeneID(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.

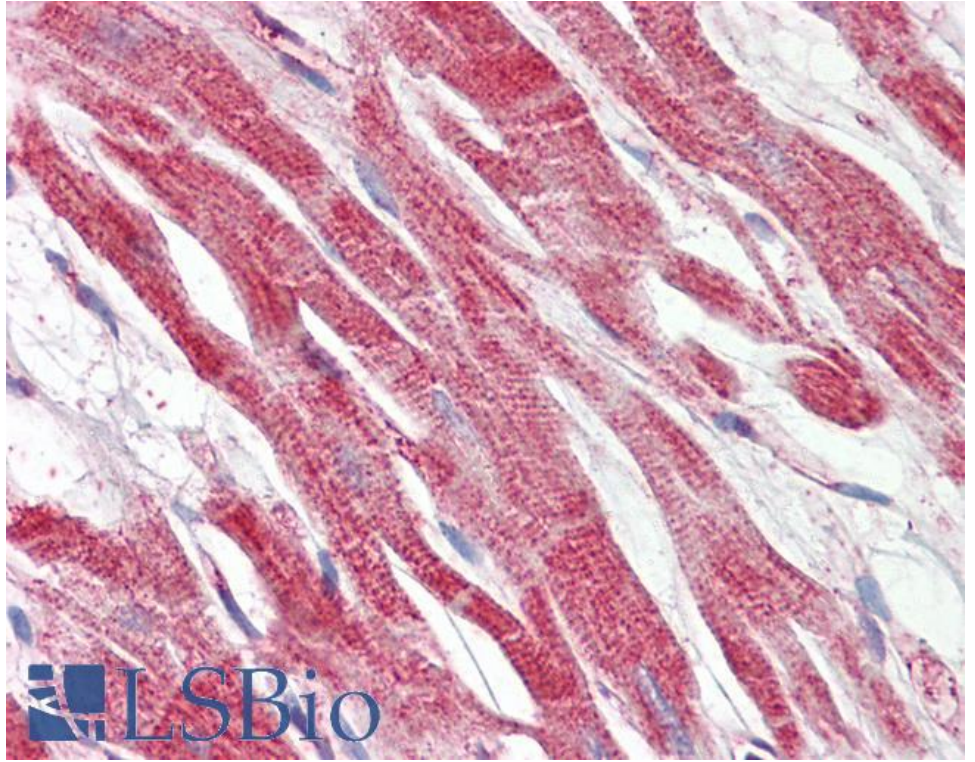
**Western blot:** Preliminary experiments gave an approx 28kDa band in Human Liver lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 9.41kDa according to NP\_066998.1. The 28kDa band 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 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.