

**Anti-HAMP / Hepcidin Antibody**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17322****Specification**

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**Anti-HAMP / Hepcidin Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P                  |
| Primary Accession | <a href="#">P81172</a> |
| Predicted         | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 9408                   |

**Anti-HAMP / Hepcidin Antibody - Additional Information****Gene ID** 57817**Alias Symbol** HAMP**Other Names**

HAMP, Hepcidin antimicrobial peptide, LEAP-1, LEAP1, HEPC, Hepcidin, HFE2B, PLTR, Putative liver tumor regressor

**Target/Specificity**

Human HAMP / Hepcidin

**Reconstitution & Storage**

PBS, 0.1% sodium azide, 50% glycerol Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

**Precautions**

Anti-HAMP / Hepcidin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-HAMP / Hepcidin Antibody - Protein Information****Name** HAMP ([HGNC:15598](#))**Synonyms** HEPC, LEAP1**Function**

Liver-produced hormone that constitutes the main circulating regulator of iron absorption and distribution across tissues. Acts by promoting endocytosis and degradation of ferroportin/SLC40A1, leading to the retention of iron in iron-exporting cells and decreased flow of iron into plasma (PubMed: <a href="http://www.uniprot.org/citations/22682227" target="\_blank">22682227</a>, PubMed: <a href="http://www.uniprot.org/citations/29237594" target="\_blank">29237594</a>, PubMed: <a href="http://www.uniprot.org/citations/32814342" target="\_blank">32814342</a>). Controls the major flows of iron into plasma: absorption of dietary iron in the intestine, recycling of iron by macrophages, which phagocytose old erythrocytes and other cells, and mobilization of

stored iron from hepatocytes (PubMed:<a href="http://www.uniprot.org/citations/22306005" target="\_blank">22306005</a>).

**Cellular Location**

Secreted.

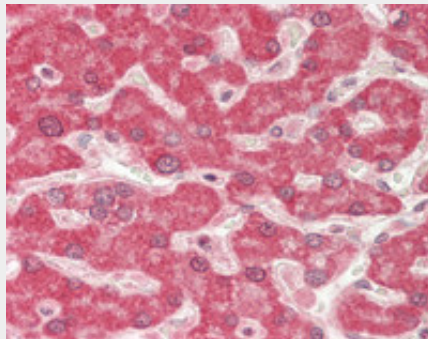
**Tissue Location**

Highest expression in liver and to a lesser extent in heart and brain. Low levels in lung, tonsils, salivary gland, trachea, prostate gland, adrenal gland and thyroid gland. Secreted into the urine and blood (PubMed:11034317). Expressed by hepatocytes (PubMed:15124018).

**Anti-HAMP / Hepcidin Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-HAMP / Hepcidin Antibody - Images**

Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)