

HAMP / Hepcidin Antibody (N-Terminus)
Goat Polyclonal Antibody
Catalog # ALS14957**Specification**

HAMP / Hepcidin Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	P81172
Reactivity	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	9kDa KDa

HAMP / Hepcidin Antibody (N-Terminus) - Additional Information**Gene ID** 57817**Other Names**

Hepcidin, Liver-expressed antimicrobial peptide 1, LEAP-1, Putative liver tumor regressor, PLTR, Hepcidin-25, Hepc25, Hepcidin-20, Hepc20, HAMP, HEPC, LEAP1

Target/Specificity

Human HAMP / Hepcidin.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

HAMP / Hepcidin Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

HAMP / Hepcidin Antibody (N-Terminus) - 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: [22682227](http://www.uniprot.org/citations/22682227)), PubMed: [29237594](http://www.uniprot.org/citations/29237594), PubMed: [32814342](http://www.uniprot.org/citations/32814342)). 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: [22306005](http://www.uniprot.org/citations/22306005)).

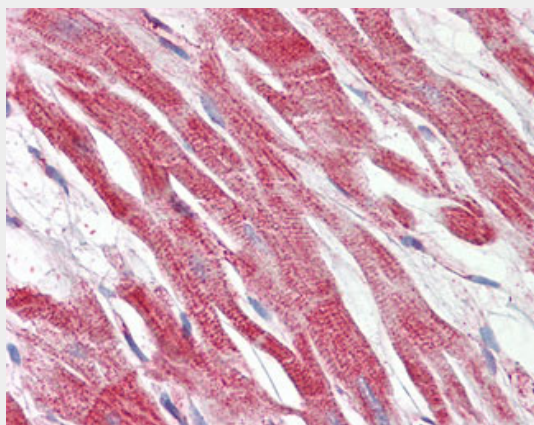
Cellular Location
Secreted.**Tissue Location**

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).

HAMP / Hepcidin Antibody (N-Terminus) - 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](#)

HAMP / Hepcidin Antibody (N-Terminus) - Images

Anti-HAMP / Hepcidin antibody IHC of human heart.

HAMP / Hepcidin Antibody (N-Terminus) - Background

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HAMP / Hepcidin Antibody (N-Terminus) - References

Park C.H., et al. J. Biol. Chem. 276:7806-7810(2001).
Krause A., et al. FEBS Lett. 480:147-150(2000).
Jung J.-W., et al. Submitted (FEB-1999) to the EMBL/GenBank/DBJ databases.
Clark H.F., et al. Genome Res. 13:2265-2270(2003).
Grimwood J., et al. Nature 428:529-535(2004).

