

HAMP Antibody (N-Term, near)
Peptide-affinity purified goat antibody
Catalog # AF2891a**Specification**

HAMP Antibody (N-Term, near) - Product Information

Application	E
Primary Accession	P81172
Other Accession	NP_066998.1 , 57817
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	9408

HAMP Antibody (N-Term, near) - 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

Format

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

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HAMP Antibody (N-Term, near) is for research use only and not for use in diagnostic or therapeutic procedures.

HAMP Antibody (N-Term, near) - 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). 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).

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 Antibody (N-Term, near) - 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 Antibody (N-Term, near) - Images**HAMP Antibody (N-Term, near) - References**

Increased hepcidin expression in colorectal carcinogenesis. Ward DG, Roberts K, Brookes MJ, Joy H, Martin A, Ismail T, Spychal R, Iqbal T, Tselepis C. World J Gastroenterol. 2008 Mar 7;14(9):1339-45. PMID: 18322945