

HAMP polyclonal antibody

Catalog # PAB15632 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of HAMP.
Immunogen	A synthetic peptide corresponding to human HAMP.
Sequence	TGSVFPQQTGQLAE-C
Host	Goat
Theoretical MW (kDa)	9.41
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HAMP

Entrez GeneID	57817
Protein Accession#	NP_066998.1
Gene Name	HAMP
Gene Alias	HEPC, HEPCIDIN, HFE2B, LEAP-1, LEAP1, PLTR
Gene Description	hepcidin antimicrobial peptide
Omim ID	602390 606464
Gene Ontology	Hyperlink
Gene Summary	The product encoded by this gene is involved in the maintenance of iron homeostasis, and it is necessary for the regulation of iron storage in macrophages, and for intestinal iron absorption. The preproprotein is post-translationally cleaved into mature peptides of 20, 22 and 25 amino acids, and these active peptides are rich in cysteines, which form intramolecular bonds that stabilize their beta-sheet structures. These peptides exhibit antimicrobial activity. Mutations in this gene cause hemochromatosis type 2B, also known as juvenile hemochromatosis, a disease caused by severe iron overload that results in cardiomyopathy, cirrhosis, and endocrine failure. [provided by RefSeq]
Other Designations	liver-expressed antimicrobial peptide putative liver tumor regressor

Publication Reference

- [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 Journal of Gastroenterology 2008 Mar; 14(9):1339.

Application: Func, IHC-P, Human, Human colorectal cancer, urine sample

Disease

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