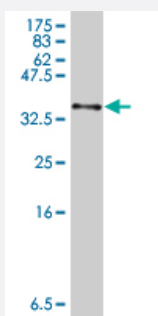


HAMP polyclonal antibody (A01)

Catalog # H00057817-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (32.71 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant HAMP.
Immunogen	HAMP (AAH20612, 25 a.a. ~ 84 a.a) full-length recombinant protein with GST tag.
Sequence	SVFPQQTGQLAELQPQDRAGARASWMPMFQRRRRRDTHFPICIFCCGCCHRSKCGMCCKT
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.71 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HAMP

Entrez GeneID [57817](#)

GeneBank Accession# [BC020612](#)

Protein Accession# [AAH20612](#)

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

Disease

- [Abortion](#)
- [beta-Thalassemia](#)
- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)
- [Hemochromatosis](#)
- [Hereditary hemochromatosis](#)
- [Iron Metabolism Disorders](#)

- [Iron Overload](#)
- [Pregnancy Complications](#)