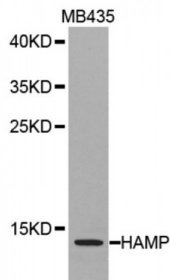


Hepcidin (HAMP) Antibody

Catalogue No.: abx001348



Western blot analysis of extracts of MB435 cell lines, using HAMP antibody.

HAMP Antibody is a Rabbit Polyclonal antibody against HAMP. 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, Jul 2008].

Target:	Hepcidin (HAMP)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-84 of human Hepcidin.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 3.0.0
Revision date: 27 Mar 2024



UniProt Primary AC: P81172 ([UniProt](#), [ExPASy](#))

GeneID: [57817](#)

NCBI Accession: NP_066998.1

KEGG: hsa:57817

String: [9606.ENSP00000471894](#)

Molecular Weight: Calculated MW: 9 kDa
Observed MW: 10 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: This product is for research use only.

For Reference Only