

HAMP antibody

Catalog No: #38265

Package Size: #38265-1 50ul #38265-2 100ul

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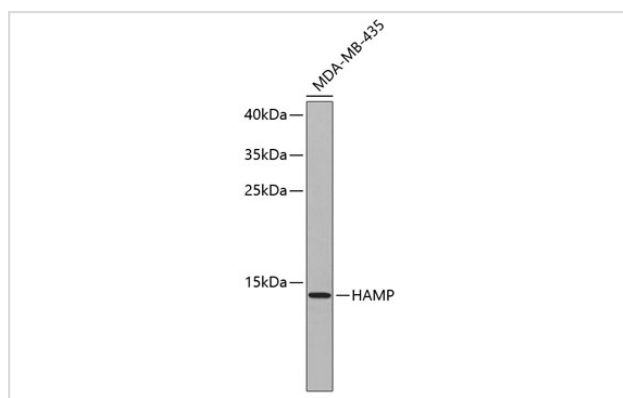
Description

Product Name	HAMP antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human, Mouse
Specificity	The antibody detects endogenous level of total HAMP protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human HAMP.
Target Name	HAMP
Other Names	HEPC; PLTR; HFE2B; LEAP1;
Accession No.	Swiss-Prot#: P81172NCBI Gene ID: 57817
Uniprot	P81172
GeneID	57817;
SDS-PAGE MW	9kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of MDA-MB-435 cells, using HAMP .

Background

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]

Note: This product is for in vitro research use only