HAMP antibody

Catalog No: #38265

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

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

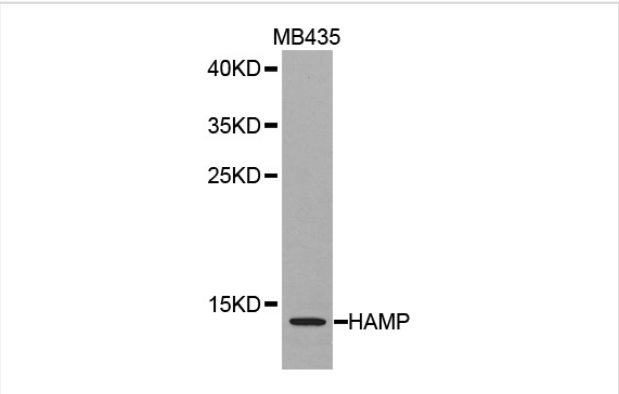
Description

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.
Conjugates	Unconjugated
Target Name	HAMP
Other Names	HEPC; PLTR; HFE2B; LEAP1;
Accession No.	Swiss-Prot#: P81172NCBI Gene ID: 57817
SDS-PAGE MW	9kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:2000

Images



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

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]

Published Papers

el at., Compound Danshen Dripping Pill inhibits doxorubicin or isoproterenol-induced cardiotoxicity In Biomed Pharmacother on 2021 Jun by Ke Feng, Yuxin Liu,et al..PMID: 34311530, , (2021)

PMID:34311530

Note: This product is for in vitro research use only and is not intended for use in humans or animals.