

Datasheet for ABIN7178664

anti-Hepcidin antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Hepcidin (HAMP)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hepcidin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant protein of Human HAMP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Affinity purification

Target Details

Target:	Hepcidin (HAMP)
Alternative Name:	HAMP (HAMP Products)
Background:	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

Target Details

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.

Aliases: Hamp antibody, HEPC antibody, HEPC_HUMAN antibody, Hepc20 antibody, Hepc25 antibody, HEPCIDIN antibody, Hepcidin 20 antibody, Hepcidin 25 antibody, Hepcidin antimicrobial peptide antibody, Hepcidin-20 antibody, Hepcidin25 antibody, HFE2 antibody, HFE2B antibody, LEAP 1 antibody, LEAP-1 antibody, LEAP1 antibody, Liver expressed antimicrobial peptide antibody, Liver-expressed antimicrobial peptide 1 antibody, PLTR antibody, Putative liver tumor regressor antibody

UniProt: [P81172](#)

Pathways: [Hormone Activity](#), [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: WB:1:500-1:2000, IHC:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

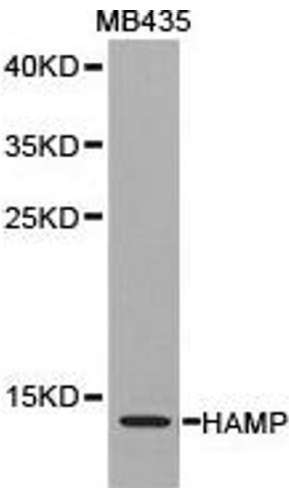
Buffer: Store at -20 °C or -80 °C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts of MB435 cell lines, using HAMP antibody.