

Datasheet for ABIN653413  
**anti-Hepcidin antibody (AA 17-46)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	Hepcidin (HAMP)
Binding Specificity:	AA 17-46
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hepcidin antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This HAMP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-46 amino acids from the Central region of human HAMP.
Clone:	RB22098
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Hepcidin (HAMP)
Alternative Name:	HAMP ( <a href="#">HAMP Products</a> )
Background:	HAMP is involved in the maintenance of iron homeostasis, and it is necessary for the regulation

## Target Details

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.

Molecular Weight: 9408

Gene ID: 57817

NCBI Accession: [NP\\_066998](#)

UniProt: [P81172](#)

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

## Application Details

Application Notes: WB: 1:500. WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

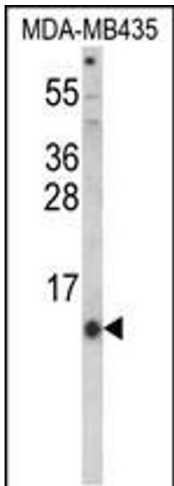
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

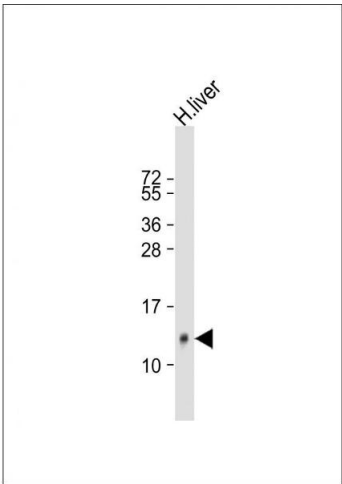
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



#### Western Blotting

**Image 1.** Western blot analysis of HP Antibody (Center) (ABIN653413 and ABIN2842863) in MDA-M cell line lysates (35 µg/lane). HP (arrow) was detected using the purified Pab.



#### Western Blotting

**Image 2.** Anti-HP Antibody (Center) at 1:500 dilution + human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 9 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.