

## Hepcidin polyclonal antibody

Catalog: BS90629

Host: Rabbit

Reactivity: Human, Rat

### BackGround:

Hepcidin, also known as HAMP, HEPC, LEAP1 or HFE2B, is an 84 amino acid secreted protein that regulates iron-related signaling events. Highly expressed in liver with lower expression in heart, brain, lung, prostate and thyroid, hepcidin is thought to maintain iron homeostasis and, in conjunction with the HFE protein (a protein that is defective in hereditary hemochromatosis), may mediate both iron storage in macrophages and intestinal iron absorption. Additionally, hepcidin has strong antimicrobial activity against gram-positive and gram-negative bacteria, as well as certain yeast strains, suggesting that hepcidin may play a crucial role in staving off bacterial infections. Defects in the gene encoding hepcidin are the cause of hemochromatosis type 2B (also known as juvenile hemochromatosis), an early-onset autosomal recessive disorder that results in severe iron overload and is characterized by hepatic fibrosis, hypogonadotropic hypogonadism and cardiomyopathy.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

3 kDa

### Swiss-Prot:

P81172(Human)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:500-1:1,000

IHC:1:50-1:200

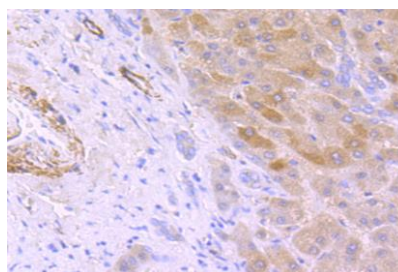
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

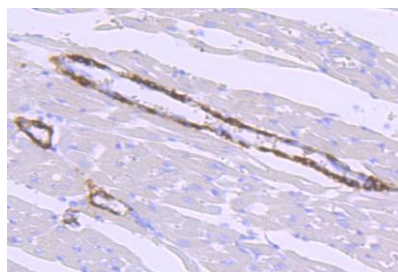
### Specificity:

Hepcidin polyclonal antibody detects endogenous levels of Hepcidin protein.

### DATA:



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti- Hepcidin antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded rat heart tissue using anti- Hepcidin antibody. Counter stained with hematoxylin.

### Note:

For research use only, not for use in diagnostic procedure.

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