

bs-8870R**[Primary Antibody]**

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400-901-9800

Hepcidin-25 Rabbit pAb

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Mouse, Rat) Predicted MW.: 2 kDa Subcellular Location: Secreted
Clonality: Polyclonal		
GeneID: 84604	SWISS: Q99MH3	
Target: Hepcidin-25		
Immunogen: KLH conjugated synthetic peptide derived from rat Hepcidin: 60-84/84.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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].		

— SELECTED CITATIONS —

- **[IF=12.8]** Davaanyam Dashdulam. et al. HMGB1 induces hepcidin upregulation in astrocytes and causes an acute iron surge and subsequent ferroptosis in the postischemic brain. EXP MOL MED. 2023 Nov;;1-15 WB,IF ;Rat. 37907744
- **[IF=9.5]** Davaanyam Dashdulam. et al. Hepatocyte activation and liver injury following cerebral ischemia promote HMGB1-mediated hepcidin upregulation in hepatocytes and regulation of systemic iron levels. EXP MOL MED. 2024 Oct;;1-13 IF,IHC ;Rat. 39349828
- **[IF=3.231]** Junhui Li. et al. Effects of Feeding 5-Aminolevulinic Acid on Iron Status in Weaned Rats from the Female Rats during Gestation and Lactation. ANIMALS. 2022 Jan;12(20):2869 IHC ;Rat. 36290255