bs-8870R

[Primary Antibody]

Hepcidin-25 Rabbit pAb

- DATASHEET ------



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DATASHEET		
Host: Rabb	it Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyc	lonal	IHC-F (1:100-500) IF (1:100-500)
GenelD: 84604	SWISS: Q99MH3	ICC/IF (1:100-500)
Target: Hepc	din-25	ELISA (1:5000-10000)
Immunogen: KLH o 60-84	onjugated synthetic peptide derived from rat Hepc /84.	idin: Reactivity: (predicted: Mouse, Rat)
Purification: affini	ry purified by Protein A	
Concentration: 1mg/	ml	Predicted
Storage: 0.01M Glyce Shipp freeze	I TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 5 rol. ed at 4°C. Store at -20°C for one year. Avoid repeat e/thaw cycles.	MW.: ^{2 KDa} ed Subcellular Location:
Background: The p of iro stora prepr of 20, cyste beta- activi also k sever endo	roduct encoded by this gene is involved in the main n homeostasis, and it is necessary for the regulation ge in macrophages, and for intestinal iron absorpti- oprotein is post-translationally cleaved into matur 22 and 25 amino acids, and these active peptides a ines, which form intramolecular bonds that stabiliz sheet structures. These peptides exhibit antimicrob ty. Mutations in this gene cause hemochromatosis nown as juvenile hemochromatosis, a disease cause e iron overload that results in cardiomyopathy, cirr crine failure. [provided by RefSeq, Jul 2008].	ntenance n of iron on. The e peptides are rich in e their bial type 2B, sed by hosis, and

- 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