

Hepcidin 25 Antibody FITC Conjugated

Catalog No: #C00708F

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Description

Product Name	Hepcidin 25 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide derived from human Hepcidin 25
Conjugates	FITC
Target Name	Hepcidin 25
Other Names	Hamp; HEPC; HEPC_HUMAN; Hpc20; Hpc25; HEPCIDIN; Hepcidin; Hepcidin 20; Hepcidin 25; Hepcidin antimicrobial peptide; Hepcidin-20; Hepcidin25; HFE2; HFE2B; LEAP 1; LEAP-1; LEAP1; Liver expressed antimicrobial peptide; Liver-expressed antimicrobial peptide 1; PLTR; Putative liver tumor regressor.
Accession No.	NCBI Gene ID57817
Uniprot	P81172
GeneID	57817;
Excitation Emission	494nm 518nm
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

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].

Note: This product is for in vitro research use only