

Product Datasheet

Hepcidin Antibody



Catalog No: CY6800

Reactivity: Human Rat

Isotype: Rabbit IgG

Applications: WB

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Information

UniProt ID: P81172

All Names: Hepcidin; Liver-expressed antimicrobial peptide 1; LEAP-1; Putative liver tumor regressor; PLTR; Hepcidin-25; Hepc25; Hepcidin-20; Hepc20; HAMP; HEPC; LEAP1;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

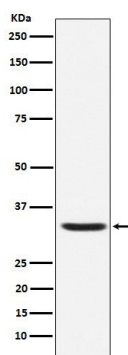
Molecular Wt.: 25 kDa

Application

WB 1:500~1:2000

Background

Hepcidin, also known as HAMP, HEPC, LEAP1 or HFE2B, is an 84 amino acid secreted protein that regulates iron-related signaling events. Acts by promoting endocytosis and degradation of ferroportin, leading to the retention of iron in iron-exporting cells and decreased flow of iron into plasma. Controls the major flows of iron into plasma: absorption of dietary iron in the intestine, recycling of iron by macrophages, which phagocytose old erythrocytes and other cells, and mobilization of stored iron from hepatocytes (PubMed:22306005).



Western blot analysis of Hepcidin expression in Human Hepcidin Full-length Recombinant Protein (GFP Tagged).

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