

A1601

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Hepcidin Rabbit pAb

Catalog No.: A1601

Basic Information

Observed MW

10kDa

Calculated MW

9kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Mouse

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 against bacteria and fungi. 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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

57817

Swiss Prot

P81172

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-84 of human Hepcidin (NP_066998.1).

Synonyms

HEPC; PLTR; HFE2B; LEAP1; Hepcidin

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

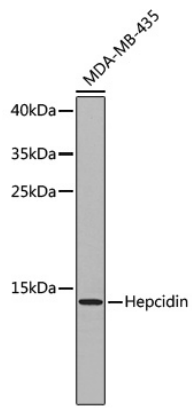
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of MDA-MB-435 cells, using Hepcidin antibody (A1601).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.