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Datasheet for ABIN5004478

anti-Hepcidin 25 antibody (AA 60-84) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	Hepcidin 25 (HEPC25)
Binding Specificity:	AA 60-84
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hepcidin 25 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Hepcidin 25
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	Hepcidin 25 (HEPC25)
Alternative Name:	Hepcidin 25 (HEPC25 Products)
Background:	Synonyms: Hamp, HEPC, HEPC_HUMAN, Heph20, Heph25, HEPCIDIN, Hepcidin, Hepcidin 20,

Target Details

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.

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].

Gene ID: 57817

UniProt: [P81172](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months