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Datasheet for ABIN570711

anti-Hepcidin antibody (N-Term)

1 Image

Overview

Quantity:	100 µg
Target:	Hepcidin (HAMP)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Hepcidin antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	HAMP
Immunogen:	Peptide with sequence TSGSVFPQQTGQLAE-C, from the N Terminus (near) of the protein sequence according to NP_066998.1.
Sequence:	TSGSVFPQQT GQLAE
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Hepcidin (HAMP)
Alternative Name:	HAMP (HAMP Products)
Background:	HAMP, hepcidin antimicrobial peptide, HEPC, HEPCIDIN, HFE2B, LEAP-1, LEAP1, PLTR, liver-expressed antimicrobial peptide, putative liver tumor regressor
Gene ID:	57817
NCBI Accession:	NP_066998
Pathways:	Hormone Activity , Transition Metal Ion Homeostasis

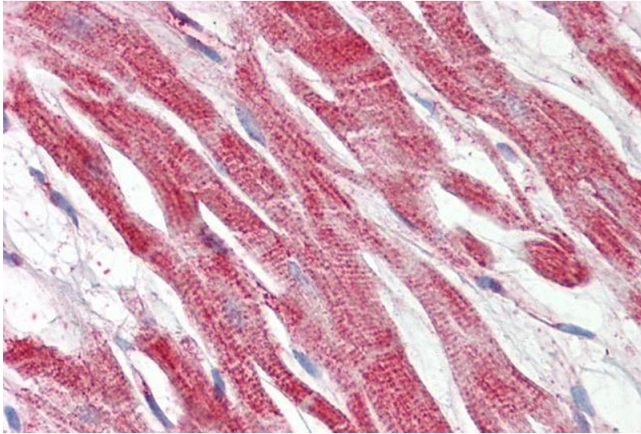
Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Heart. Recommended concentration: 3.75 µg/mL. Western Blot: Preliminary experiments gave an approx 28 kDa band in Human Liver lysates after 0.1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 9.41k Peptide ELISA: antibody detection limit dilution 1:16000.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN570711 (3.75µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.