Datasheet for ABIN2776909

anti-Hepcidin antibody (N-Term)

1 Image | 1 Publication

Go to Product page

Overview

Quantity:	100 µL
Target:	Hepcidin (HAMP)
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hepcidin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HAMP
Sequence:	MALSSQIWAA CLLLLLLLAS LTSGSVFPQQ TGQLAELQPQ DRAGARASWM
Predicted Reactivity:	Human: 100%, Rat: 83%
Characteristics:	This is a rabbit polyclonal antibody against HAMP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Hepcidin (HAMP)
Alternative Name:	HAMP (HAMP Products)

Target Details

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 p Alias Symbols: HEPC, HFE2B, LEAP-1, LEAP1, PLTR Protein Interaction Partner: CKAP4, VKORC1, SLC40A1, Protein Size: 84
Molecular Weight:	9 kDa
Gene ID:	57817
NCBI Accession:	NM_021175, NP_066998
UniProt:	P81172
Pathways:	Hormone Activity, Transition Metal Ion Homeostasis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 84 AA
Restrictions:	For Research Use only

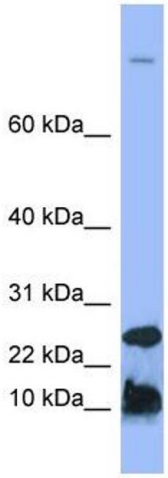
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Theurl, Theurl, Seifert, Mair, Nairz, Rumpold, Zoller, Bellmann-Weiler, Niederegger, Talasz, Weiss: "Autocrine formation of hepcidin induces iron retention in human monocytes." in: **Blood**, Vol. 111, Issue 4, pp. 2392-9, (2008) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-HAMP Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Spleen