Datasheet for ABIN7427882

anti-Hepcidin antibody (AA 25-84)

6 Images

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Overview

Quantity:	100 µL
Target:	Hepcidin (HAMP)
Binding Specificity:	AA 25-84
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Hepcidin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Hepcidin (Hepc)
Immunogen:	Recombinant Hepcidin (Hepc) corresdonding to Ser25~Thr84 with N-terminal His Tag
Clone:	D7
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against Hepc. It has been selected for its ability to recognize Hepc in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

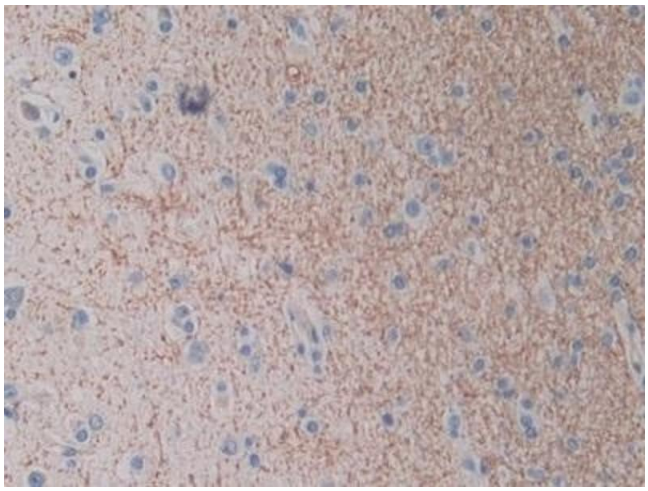
Target:	Hepcidin (HAMP)
Alternative Name:	Hepcidin (HAMP Products)
Background:	HAMP, HFE2B, PLTR, LEAP1, Hepcidin Antimicrobial Peptide, Liver-expressed antimicrobial peptide 1, Putative liver tumor regressor
Pathways:	Hormone Activity, Transition Metal Ion Homeostasis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

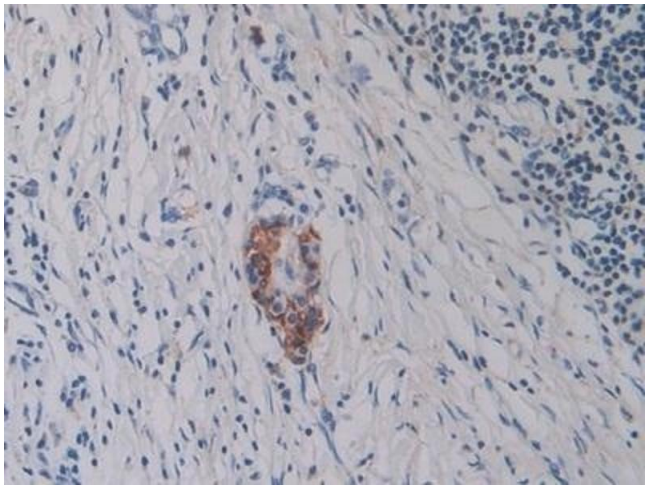
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



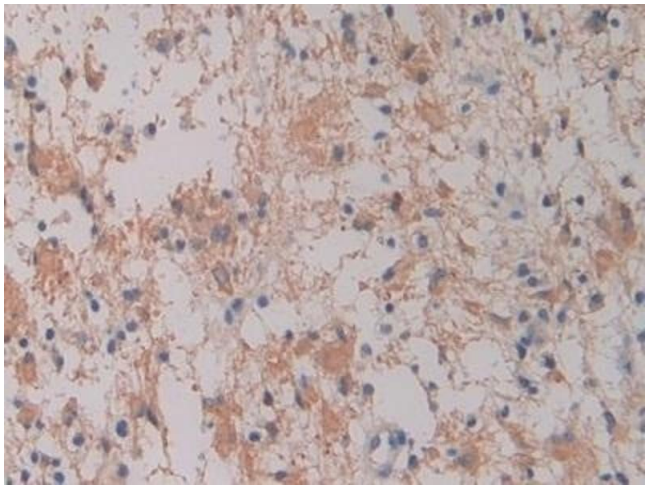
Immunohistochemistry

Image 1. Detection of Hepc in Human Brain Tissue using Monoclonal Antibody to Hepcidin (Hepc)



Immunohistochemistry

Image 2. Detection of Hepc in Human Pancreatic cancer Tissue using Monoclonal Antibody to Hepcidin (Hepc)



Immunohistochemistry

Image 3. Detection of Hepc in Human Glioma Tissue using Monoclonal Antibody to Hepcidin (Hepc)

Please check the product details page for more images. Overall 6 images are available for ABIN7427882.