

For Research Use Only

HAMP Polyclonal antibody, PBS Only

Catalog Number: 26237-1-PBS



Basic Information

Catalog Number:

26237-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24065

GenBank Accession Number:

BC020612

GeneID (NCBI):

57817

UNIPROT ID:

P81172

Full Name:

hepcidin antimicrobial peptide

Calculated MW:

9 kDa

Observed MW:

12 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human

Background Information

Hepcidin (HAMP) is a liver-produced hormone that constitutes the main circulating regulator of iron absorption and distribution across tissues. It acts by promoting endocytosis and degradation of ferroportin/SLC40A1, leading to the retention of iron in iron-exporting cells and decreased flow of iron into plasma (PMID: 22682227; 29237594; 32814342). Hepcidin is an 84-amino acid prepropeptide, and is usually cleaved into three peptide types, hepcidin-20, hepcidin-22, and hepcidin-25, of which hepcidin-25 is the active form and plays important roles in regulating functional iron deficiency (PMID: 34262329).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

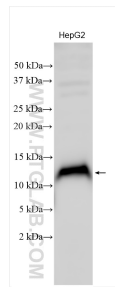
For technical support and original validation data for this product please contact:

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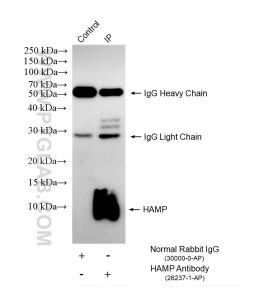
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



HepG2 cells lysate was subjected to SDS PAGE followed by western blot with 26237-1-AP (HAMP antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 26237-1-PBS in a different storage buffer formulation.



IP result of anti-HAMP (IP:26237-1-AP, 4ug; Detection:26237-1-AP 1:500) with HepG2 cells lysate 1480 ug. This data was developed using the same antibody clone with 26237-1-PBS in a different storage buffer formulation.