

For Research Use Only

HAMP Polyclonal antibody, PBS Only

Catalog Number: 26237-1-PBS



Basic Information

Catalog Number: 26237-1-PBS	GenBank Accession Number: BC020612	Purification Method: Antigen affinity purification
Concentration: 1mg/ml	GeneID (NCBI): 57817	
Source: Rabbit	UNIPROT ID: P81172	
Isotype: IgG	Full Name: hepcidin antimicrobial peptide	
Immunogen Catalog Number: AG24065	Calculated MW: 9 kDa	
	Observed MW: 12 kDa	

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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

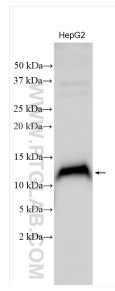
T: 4006900926

E: Proteintech-CN@ptglab.com

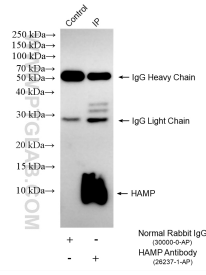
W: ptgcn.com

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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.