

For Research Use Only

Mouse Hepsin Polyclonal antibody, PBS Only

Catalog Number: 51060-1-PBS



Basic Information

Catalog Number:

51060-1-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC138809

GeneID (NCBI):

15451

UNIPROT ID:

O35453

Full Name:

hepsin

Calculated MW:

47 kDa

Observed MW:

28 kDa

Purification Method:

Protein A purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Hepsin is a type II transmembrane serine protease. It is primarily expressed in the liver but has also been detected in other tissues, including the prostate, kidney, and pancreas. Hepsin plays a crucial role in various physiological processes, such as cell growth, extracellular matrix remodeling, and tissue homeostasis. Notably, Hepsin has been implicated in cancer progression, particularly in prostate cancer, where its overexpression is associated with tumor metastasis and poor prognosis (PMID: 15324701, PMID: 18726901). Hepsin has been identified as a peptide of approximately 45 kDa representing the intact protein, and a fragment of about 28 kDa representing the cleaved extracellular domain (PMID: 19302215, PMID: 21734266).

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:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human liver tissue were subjected to SDS PAGE followed by western blot with 51060-1-Ig (Hepsin antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 51060-1-PBS in a different storage buffer formulation.