

For Research Use Only

GIMAP6 Polyclonal antibody, PBS Only

Catalog Number: 33593-1-PBS



Basic Information

Catalog Number:

33593-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38704

GenBank Accession Number:

NM_024711.5

GeneID (NCBI):

474344

UNIPROT ID:

Q6P9H5

Full Name:

GTPase, IMAP family member 6

Calculated MW:

33kDa, 292aa

Observed MW:

30-35 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

GTPase of immunity associated protein 6 (GIMAP6) is a member of the GIMAP family of small GTPases predominantly expressed in lymphoid tissues. GIMAP6 plays a critical role in regulating immune cell survival, particularly in T and B lymphocytes. It localizes to the endoplasmic reticulum and mitochondria, where it modulates autophagy and apoptosis pathways. Studies indicate that GIMAP6 deficiency leads to spontaneous apoptosis of lymphocytes, highlighting its essential function in maintaining immune homeostasis. Additionally, GIMAP6 has been implicated in autoimmune diseases and certain hematological malignancies, making it an emerging therapeutic target for modulating immune responses and treating lymphocyte-related disorders (PMID: 3551368; 33328581; 29718959).

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:

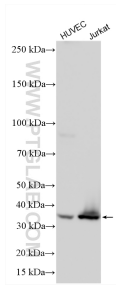
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33593-1-AP (GIMAP6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33593-1-PBS in a different storage buffer formulation.