

For Research Use Only

# GIMAP4 Polyclonal antibody

Catalog Number: 11852-1-AP



## Basic Information

|  |   |  |
|--|---|--|
| <b>Catalog Number:</b><br>11852-1-AP       | <b>GenBank Accession Number:</b><br>BC020657      | <b>Purification Method:</b><br>Antigen affinity purification   |
| <b>Size:</b><br>600 µg/ml                  | <b>GeneID (NCBI):</b><br>55303                    | <b>Recommended Dilutions:</b><br>WB 1:500-1:2000<br>IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate |
| <b>Source:</b><br>Rabbit                   | <b>UNIPROT ID:</b><br>Q9NUV9                      |  |
| <b>Isotype:</b><br>IgG                     | <b>Full Name:</b><br>GTPase, IMAP family member 4 |  |
| <b>Immunogen Catalog Number:</b><br>AG2422 | <b>Calculated MW:</b><br>329 aa, 38 kDa           |  |
|  | <b>Observed MW:</b><br>38 kDa                     |  |

## Applications

|  |  |
|--|--|
| <b>Tested Applications:</b><br>IP, WB, ELISA | <b>Positive Controls:</b>                |
| <b>Species Specificity:</b><br>human         | WB : Jurkat cells,<br>IP : Jurkat cells, |

## Background Information

GIMAP4, also named as hIAN1 or HIMAP4, is a member of GIMAP family. Among GIMAP family, GIMAP4 is the only member reported to have true GTPase activity, and its transcription is found to be differentially regulated during early human CD4+ T helper (Th) lymphocyte differentiation. GIMAP4 has been previously connected mainly with T- and B-cell development and survival and T-cell apoptosis. The MW of this protein is 38 kDa, and Catalog# 11852-1-AP specially recognises the 38 kDa protein.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

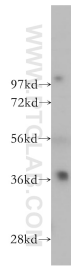
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

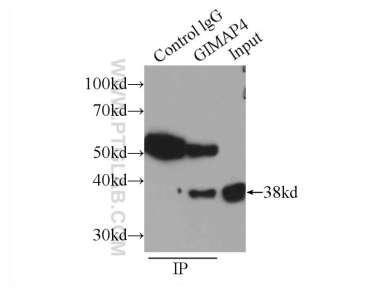
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 11852-1-AP (GIMAP4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-GIMAP4 (IP:11852-1-AP, 3ug; Detection:11852-1-AP 1:800) with Jurkat cells lysate 1080ug.