

For Research Use Only

GIMAP7 Polyclonal antibody

Catalog Number: 17293-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

17293-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11171

GenBank Accession Number:

BC027613

GeneID (NCBI):

168537

UNIPROT ID:

Q8NHV1

Full Name:

GTPase, IMAP family member 7

Calculated MW:

300 aa, 35 kDa

Observed MW:

34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human, mouse, rat

Positive Controls:

WB : Jurkat cells,

IP : Jurkat cells,

IF/ICC : HepG2 cells,

Background Information

GIMAP7, also known as hIAN7 or IAN 7, is a transmembrane protein located in the endoplasmic reticulum and Golgi apparatus. GIMAP7 can promote oxidative stress and apoptosis in ovarian granulosa cells in Polycystic ovary syndrome by inhibiting the SHH signalling pathway (PMID: 36581994). The MW of this protein is 34 kDa, and this antibody specially recognises the 34 kDa protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Jinguo Zhang	33042828	Front Oncol	IHC
Anran Xu	36581994	J Ovarian Res	WB,IHC
Liyuan Cui	38151913	Thorac Cancer	WB,IHC

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:

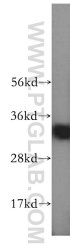
T: 4006900926

E: Proteintech-CN@ptglab.com

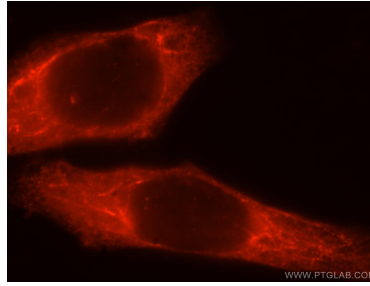
W: ptgcn.com

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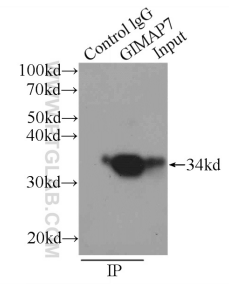
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 17293-1-AP (GIMAP7 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using GIMAP7 antibody 17293-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-GIMAP7 (IP:17293-1-AP, 4ug; Detection:17293-1-AP 1:800) with Jurkat cells lysate 1080ug.