

For Research Use Only

GIMAP7 Monoclonal antibody

Catalog Number: 68451-1-Ig



Basic Information

Catalog Number: 68451-1-Ig	GenBank Accession Number: BC027613	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 168537	CloneNo.: 3E4A6
Source: Mouse	UNIPROT ID: Q8NHV1	Recommended Dilutions: WB 1:5000-1:50000 IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Isotype: IgG1	Full Name: GTPase, IMAP family member 7	
Immunogen Catalog Number: AG10740	Calculated MW: 300 aa, 35 kDa	
	Observed MW: 34 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls: WB : NK-92 cells, Jurkat cells, MOLT-4 cells, HUVEC cells IP : Jurkat cells,
Species Specificity: Human	

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.

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:

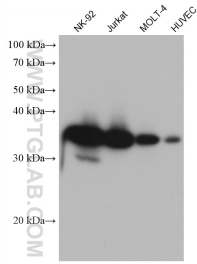
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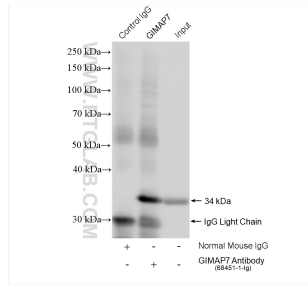
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68451-1-Ig (GIMAP7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-GIMAP7 (IP:68451-1-Ig, 4ug; Detection:68451-1-Ig 1:2000) with Jurkat cells lysate 1560 ug.