

For Research Use Only

GIMAP4 Polyclonal antibody

Catalog Number: 11852-1-AP



Basic Information

Catalog Number: 11852-1-AP	GenBank Accession Number: BC020657	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55303	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9NUV9	IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: GTPase, IMAP family member 4	IHC 1:50-1:500
Immunogen Catalog Number: AG2422	Calculated MW: 329 aa, 38 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications: WB, IHC, IP, ELISA	Positive Controls:
Species Specificity: human	WB : Jurkat cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IP : Jurkat cells,
	IHC : human intrahepatic cholangiocarcinoma tissue,

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

*** 20ul sizes contain 0.1% BSA

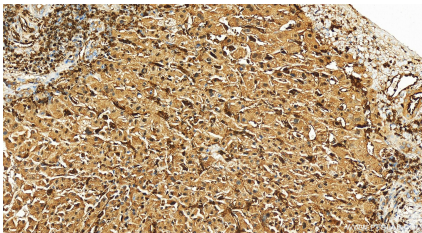
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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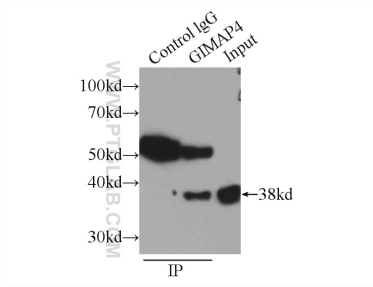
Selected Validation Data



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.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 11852-1-AP (GIMAP4 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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