

For Research Use Only

GMIP Recombinant antibody

Catalog Number: 86101-2-RR



Basic Information

Catalog Number: 86101-2-RR	GenBank Accession Number: BC126436	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 51291	CloneNo.: 250483G2
Source: Rabbit	UNIPROT ID: Q9P107	Recommended Dilutions: WB: 1:500-1:2000 IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: GEM interacting protein	
Immunogen Catalog Number: AG23239		

Applications

Tested Applications: IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : Jurkat cells, IF/ICC : K-562 cells,

Background Information

GMIP (Gem-interacting protein) is a 970 amino acid protein that stimulates the GTPase activity of RhoA in vitro and in vivo. GMIP interacts with Gem through its N-terminus and has a Rho GTPase-activating protein domain at its C-terminus. The Rho family of GTP-binding proteins plays a role in the development of neuronal structure. GMIP is able to inhibit RhoA function, leading to Actin cytoskeletal reorganization in vivo.

Storage

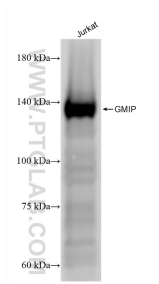
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

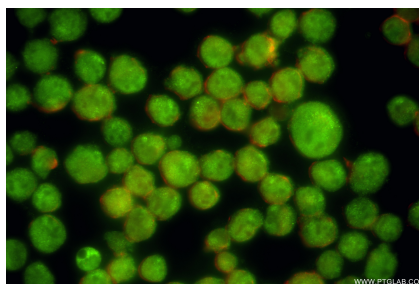
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Jurkat cell lysates were subjected to SDS PAGE followed by western blot with 86101-2-RR (GMIP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed K-562 cells using GMIP antibody (86101-2-RR, Clone: 250483G2) at dilution of 1:200 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).