

For Research Use Only

GMIP Polyclonal antibody

Catalog Number: 25917-1-AP



Basic Information

Catalog Number: 25917-1-AP	GenBank Accession Number: BC126436	Purification Method: Antigen affinity purification
Size: 350 µg/ml	GeneID (NCBI): 51291	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q9P107	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: GEM interacting protein	IF 1:10-1:100
Immunogen Catalog Number: AG23239	Observed MW: 130 kDa	

Applications

Tested Applications: IF/ICC, IP, WB, ELISA	Positive Controls: WB: Jurkat cells, K-562 cells
Species Specificity: human	IP: Jurkat cells, IF: HepG2 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 pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

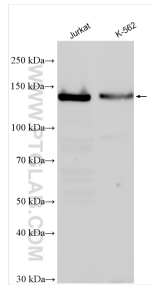
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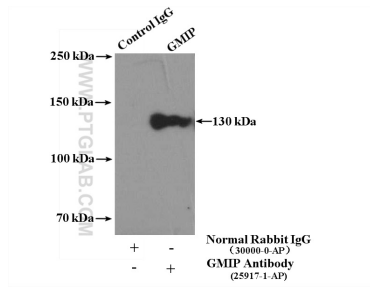
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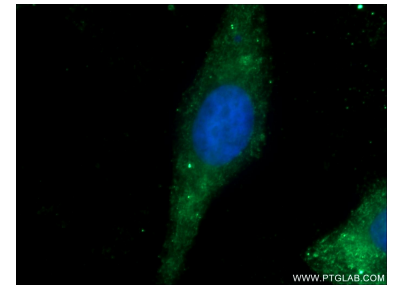
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25917-1-AP (GMIP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-GMIP (IP:25917-1-AP, 4ug; Detection:25917-1-AP 1:500) with Jurkat cells lysate 4000ug.



Immunofluorescent analysis of HepG2 cells using 25917-1-AP (GMIP antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).