

For Research Use Only

# GMIP Polyclonal antibody

Catalog Number: 25917-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 25917-1-AP	<b>GenBank Accession Number:</b> BC126436	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 350 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 51291	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IF 1:10-1:100
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9P107	
<b>Isotype:</b> IgG	<b>Full Name:</b> GEM interacting protein	
<b>Immunogen Catalog Number:</b> AG23239	<b>Observed MW:</b> 130 kDa	

## Applications

<b>Tested Applications:</b> WB, IP, IF, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, K-562 cells
<b>Cited Applications:</b> WB, IF	<b>IP :</b> Jurkat cells,
<b>Species Specificity:</b> human	<b>IF :</b> HepG2 cells,
<b>Cited Species:</b> human	

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yupeng Zhao	38593510	Int Immunopharmacol	WB,IF

## 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

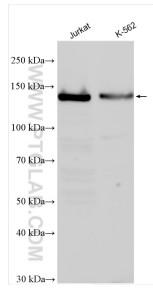
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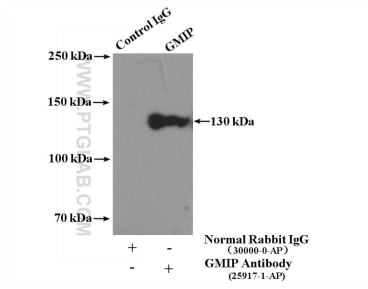
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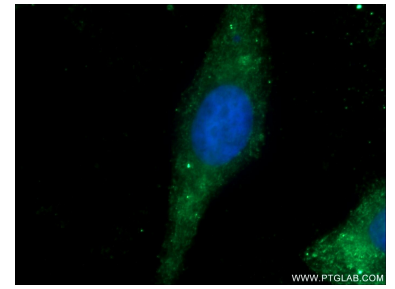
## Selected Validation Data



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).