

For Research Use Only

# GMIP Polyclonal antibody, PBS Only

Catalog Number: 25917-1-PBS



## Basic Information

Catalog Number:

25917-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23239

GenBank Accession Number:

BC126436

GeneID (NCBI):

51291

UNIPROT ID:

Q9P107

Full Name:

GEM interacting protein

Observed MW:

130 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

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.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

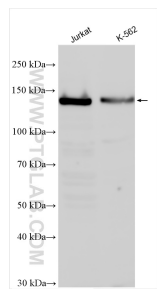
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

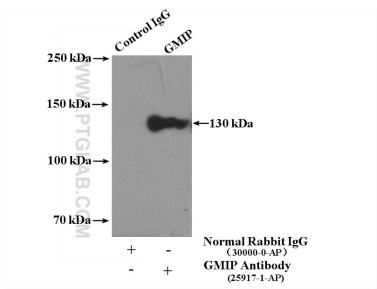
W: [ptgcn.com](http://ptgcn.com)

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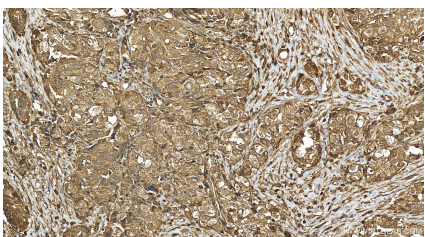
Selected Validation Data



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. This data was developed using the same antibody clone with 25917-1-PBS in a different storage buffer formulation.



IP result of anti-GMIP (IP:25917-1-AP, 4ug; Detection:25917-1-AP 1:500) with Jurkat cells lysate 4000ug. This data was developed using the same antibody clone with 25917-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 25917-1-AP (GMIP antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25917-1-PBS in a different storage buffer formulation.