

For Research Use Only

GMIP Polyclonal antibody

Catalog Number: 25917-1-AP

1 Publications



Basic Information

Catalog Number:

25917-1-AP

Size:

350 ug/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

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:200-1:800

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Jurkat cells, K-562 cells

IP : Jurkat cells,

IHC : human stomach cancer tissue, human ovary cancer tissue

IF/ICC : 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.

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

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

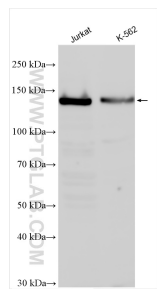
T: 4006900926

E: Proteintech-CN@ptglab.com

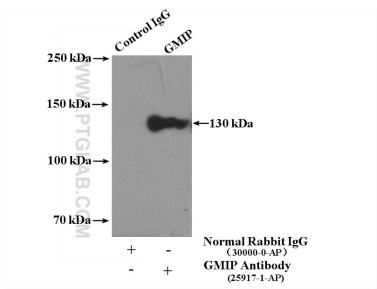
W: ptgcn.com

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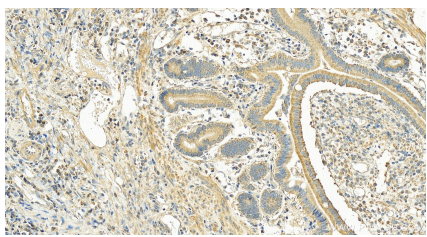
Selected Validation Data



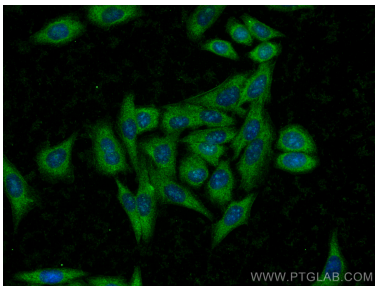
Various lysates were subjected to SDS PAGE followed by western blot with 25917-1-AP (GMIP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 25917-1-AP (GMIP antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using GMIP antibody (25917-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).