

For Research Use Only

GCOM1 Polyclonal antibody

Catalog Number: 18129-1-AP

1 Publications



Basic Information

Catalog Number:

18129-1-AP

Concentration:

900 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12708

GenBank Accession Number:

BC101645

GeneID (NCBI):

145781

UNIPROT ID:

POCAP1

Full Name:

GRINL1A complex locus

Calculated MW:

466 aa, 54 kDa

Observed MW:

64 kDa, 44-54 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:5000

IHC 1:50-1:500

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

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 : mouse brain tissue, rat brain tissue

IHC : human liver cancer tissue,

IF/ICC : HepG2 cells,

Background Information

GCOM1, also named as Myozap, Gup and Gcom, belongs to the GCOM1 family. It plays a role in cellular signaling via Rho-related GTP-binding proteins and subsequent activation of transcription factor SRF. GCOM1 has 11 isoforms with MW 44-54kd and 64kd.

Notable Publications

Author	Pubmed ID	Journal	Application
Roberta Cacioppo	39667934	Mol Cell	WB

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

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

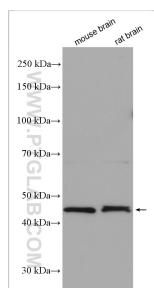
T: 4006900926

E: Proteintech-CN@ptglab.com

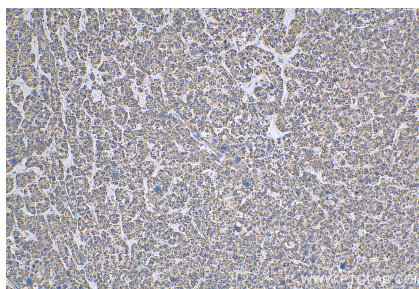
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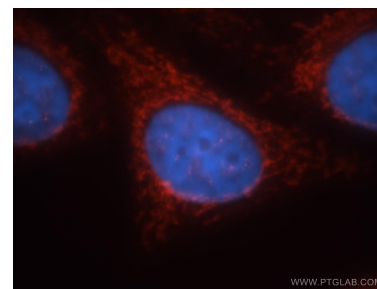
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18129-1-AP (GCOM1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 18129-1-AP (GCOM1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells, using GCOM1 antibody 18129-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).