

For Research Use Only

GNA13 Monoclonal antibody

Catalog Number: 67188-1-Ig

Featured Product

4 Publications



Basic Information

Catalog Number:

67188-1-Ig

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7316

GenBank Accession Number:

BC036756

GeneID (NCBI):

10672

UNIPROT ID:

Q14344

Full Name:

guanine nucleotide binding protein (G protein), alpha 13

Calculated MW:

44 kDa

Observed MW:

40 kDa

Purification Method:

Protein G purification

CloneNo.:

2G8F10

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:400-1:1600

IF/ICC 1:400-1:1600

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, ColP

Species Specificity:

human, mouse, rat, pig

Cited Species:

human, mouse

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 : HEK-293 cells, Y79 cells, HepG2 cells, PC-12 cells, pig brain tissue, rat brain tissue, mouse brain tissue

IHC : human breast cancer tissue, human liver cancer tissue

IF/ICC : SH-SY5Y cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Xue Yang	40060693	bioRxiv	WB
Gonzalo P Solis	38874642	J Clin Invest	WB
Nur Cengiz Winter	37585105	J Proteome Res	WB, ColP

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:

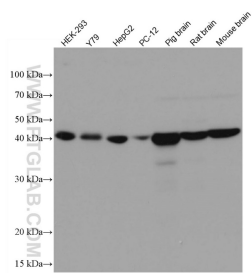
T: 4006900926

E: Proteintech-CN@ptglab.com

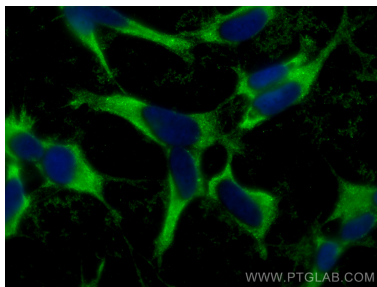
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

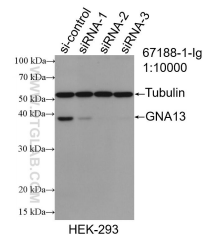
Selected Validation Data



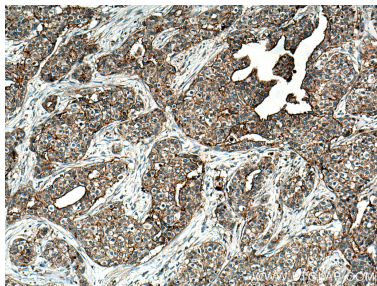
Various lysates were subjected to SDS PAGE followed by western blot with 67188-1-Ig (GNA13 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



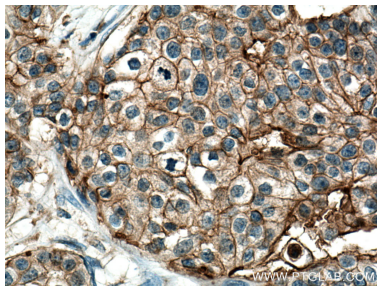
Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using GNA13 antibody (67188-1-Ig, Clone: 2G8F10) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



WB result of GNA13 antibody (67188-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GNA13 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67188-1-Ig (GNA13 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67188-1-Ig (GNA13 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).