

For Research Use Only

GNG2 Polyclonal antibody

Catalog Number: 11693-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

11693-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2307

GenBank Accession Number:

BC020774

GeneID (NCBI):

54331

UNIPROT ID:

P59768

Full Name:

guanine nucleotide binding protein (G protein), gamma 2

Calculated MW:

71 aa, 8 kDa

Observed MW:

8 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

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 : mouse brain tissue, rat brain tissue

IHC : human stomach tissue,

Background Information

G γ 2 subunit (Gng2/GNG2) is one of subunits of the G β γ -dimer composing heterotrimeric G protein with a G α - subunit. Heterotrimeric G protein has been reported to be involved in various biological activities including cell proliferation, differentiation, invasion and angiogenesis. It is expressed in a range of foetal tissues as well as adult testis, adrenal gland, brain, white blood cells and lung.

Notable Publications

Author	Pubmed ID	Journal	Application
Yajima Ichiro I	22679562	Am J Cancer Res	WB,IHC
Yajima Ichiro I	23031273	J Dermatol Sci	WB
Ichiro Yajima	24660107	Am J Cancer Res	WB

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:

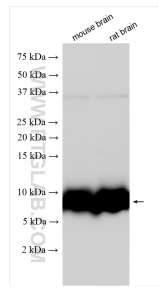
T: 4006900926

E: Proteintech-CN@ptglab.com

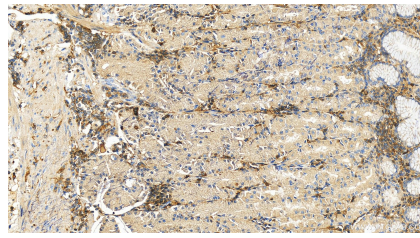
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11693-1-AP (GNG2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 11693-1-AP (GNG2 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).