

For Research Use Only

GNG2 Polyclonal antibody

Catalog Number: 11693-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

11693-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

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

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

mouse, rat, human

Cited Species:

human, mouse

Positive Controls:

WB: mouse brain tissue, rat brain tissue

Background Information

Gy 2 subunit (Gng2/GNG2) is one of subunits of the G $\beta\gamma$ -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

*** 20ul sizes contain 0.1% BSA

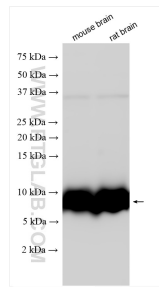
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

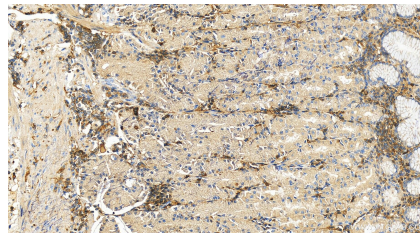
E: proteintech@ptglab.com
W: ptglab.com

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 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).