

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: 187 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2307

GenBank Accession Number:

BC020774

GeneID (NCBI):

54331

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 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB: mouse testis tissue, mouse brain tissue

Background Information

Gγ2 subunit (Gng2/GNG2) is one of subunits of the Gβγ-dimer composing heterotrimeric G protein with a Gα-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 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

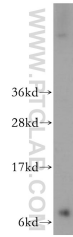
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 11693-1-AP (GNG2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.