

For Research Use Only

GNG2 Polyclonal antibody

Catalog Number: 11693-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 11693-1-AP	GenBank Accession Number: BC020774	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54331	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	Full Name: guanine nucleotide binding protein (G protein), gamma 2	
Isotype: IgG	Calculated MW: 71 aa, 8 kDa	
Immunogen Catalog Number: AG2307	Observed MW: 8 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue
Cited Applications: IHC, WB	
Species Specificity: mouse, rat, human	
Cited Species: human, mouse	

Background Information

Gy 2 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

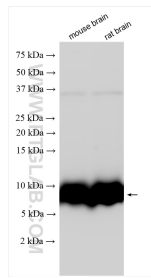
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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



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.