

For Research Use Only

GNAO1 Polyclonal antibody

Catalog Number: 12635-1-AP

4 Publications



Basic Information

Catalog Number:

12635-1-AP

Size:

150ul, Concentration: 450 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3330

GenBank Accession Number:

BC030027

GeneID (NCBI):

2775

Full Name:

guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O

Calculated MW:

302 aa, 35 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:500-1:1000

for WB

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human

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: rat brain tissue, human brain tissue, human liver tissue, mouse testis tissue, Y79 cells

IP: mouse brain tissue,

IHC: human gliomas tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Juan Zhen	26718829	Neurochem Res	WB
Zhen Liu	24366063	Int J Mol Med	IHC
Diannan Xu	29709639	Gene	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

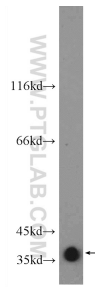
For technical support and original validation data for this product please contact:

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

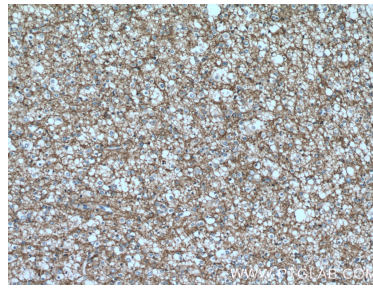
E: proteintech@ptglab.com
W: ptglab.com

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

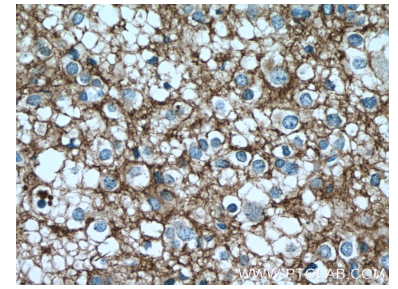
Selected Validation Data



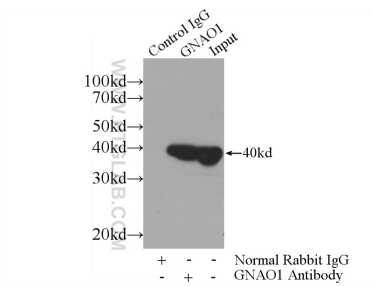
rat brain tissue were subjected to SDS PAGE followed by western blot with 12635-1-AP (GNAO1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 12635-1-AP (GNAO1 antibody) at dilution of 1:100 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 12635-1-AP (GNAO1 antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-GNAO1 (IP:12635-1-AP, 3ug; Detection:12635-1-AP 1:600) with mouse brain tissue lysate 3600ug.