

For Research Use Only

GNAI1 Polyclonal antibody

Catalog Number: 12617-1-AP



Basic Information

Catalog Number:

12617-1-AP

Size:

150UL, Concentration: 350 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3290

GenBank Accession Number:

BC026326

GeneID (NCBI):

2770

Full Name:

guanine nucleotide binding protein (G_i protein), alpha inhibiting activity polypeptide 1

Calculated MW:

354 aa, 40 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 µg for IP and 1:500-1:2000

Applications

Tested Applications:

FC, IP, WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: mouse brain tissue, fetal human brain tissue, rat brain tissue

IP: SH-SY5Y cells,

Background Information

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

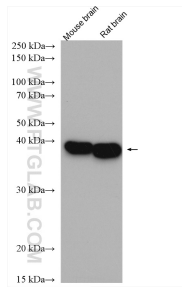
For technical support and original validation data for this product please contact:

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

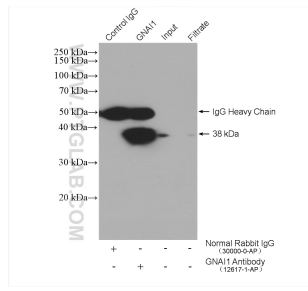
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W: ptglab.com

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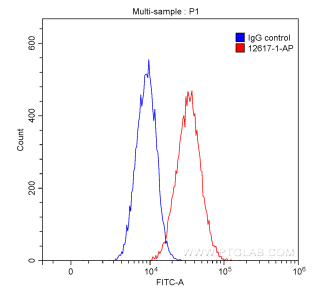
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12617-1-AP (GNAI1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-GNAI1 (IP:12617-1-AP, 4ug; Detection:12617-1-AP 1:1000) with SH-SY5Y cells lysate 800 ug.



1X10⁶ SH-SY5Y cells were intracellularly stained with 0.20 ug/test Anti-Human GNAI1 (12617-1-AP) (red) or 0.20 ug control antibody (blue) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000. Fixed with 90% MeOH.