

For Research Use Only

GNAI1 Polyclonal antibody

Catalog Number: 12617-1-AP **1 Publications**



Basic Information

Catalog Number: 12617-1-AP	GenBank Accession Number: BC026326	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2770	Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 ug for IP and 1:500-1:2000
Source: Rabbit	Full Name: guanine nucleotide binding protein (G _i for protein), alpha inhibiting activity polypeptide 1	
Isotype: IgG	Calculated MW: 354 aa, 40 kDa	
Immunogen Catalog Number: AG3290	Observed MW: 40 kDa	

Applications

Tested Applications: FC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : mouse brain tissue, fetal human brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	IP : SH-SY5Y cells,
Cited Species: mouse	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Dianna Liu	35210754	Drug Des Devel Ther	WB

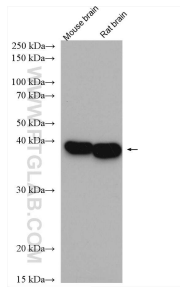
Storage

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

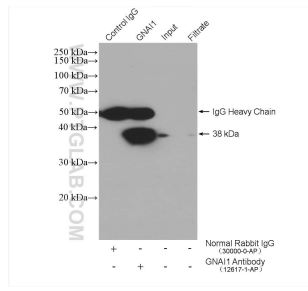
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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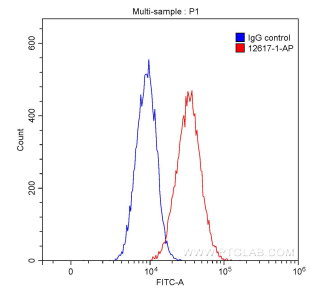
Selected Validation Data



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.