

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GNAI1



Numéro de catalogue: 12617-1-AP

2 Publications

Informations de base

Numéro de catalogue:
12617-1-AP

Taille:
150ul, Concentration: 350 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG3290

Numéro d'acquisition GenBank:
BC026326

Identification du gène (NCBI):
2770

Nom complet:
guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1

MW calculé
354 aa, 40 kDa

MW observés:
38-40 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

Applications

Applications testées:
FC, IP, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

Contrôles positifs:

WB : tissu cérébral de souris, tissu cérébral de rat, tissu cérébral humain foetal

IP : cellules SH-SY5Y,

Informations générales

The guanine nucleotide-binding protein G(i), α -1 subunit (GNAI1), also known as Gai-1, belongs to the Gai family. GNAI1 is an adenylate cyclase inhibitor that modulates cAMP. GNAI1 exerts inhibitory effects on cAMP production through its interaction with GPCR and the inactivation of adenyl cyclase (PMID: 35678269). GNAI1 has 2 isoforms with molecular weights of 35 and 40 kDa, respectively.

Publications notables

Autrice	Pubmed ID	Journal	Application
Dianna Liu	35210754	Drug Des Devel Ther	WB
Fenglin Li	36081671	J Oncol	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

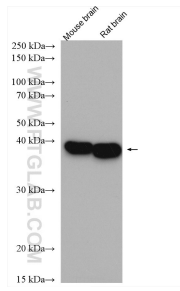
For technical support and original validation data for this product please contact:

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

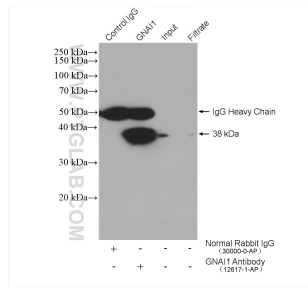
E: proteintech@ptglab.com
W: ptglab.com

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

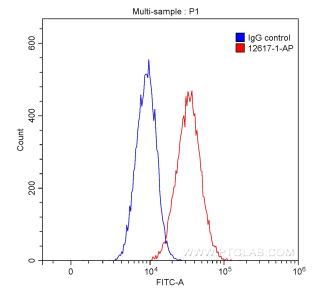
Données de validation sélectionnées



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.