

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GNAI2



Numéro de catalogue: 11136-1-AP

5 Publications

Informations de base

Numéro de catalogue:

11136-1-AP

Taille:

150ul, Concentration: 550 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1597

Numéro d'acquisition GenBank:

BC012138

Identification du gène (NCBI):

2771

Nom complet:

guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2

MW calculé

41 kDa

MW observés:

35-40 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

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

IHC 1:50-1:500

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cérébral humain fœtal, cellules SKOV-3, tissu cérébral de rat, tissu cérébral de souris

IP : tissu cérébral de souris,

IHC : tissu cérébral de souris, tissu cérébral humain, tissu d'amygdalite humaine, tissu de cancer du poumon humain, tissu ovarien de souris, tissu rénal humain

IF : cellules HeLa,

Informations générales

GNAI2, also named as GNAI2B, belongs to the G-alpha family. G(i/o/t/z) subfamily. Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(i) proteins are involved in hormonal regulation of adenylate cyclase: they inhibit the cyclase in response to beta-adrenergic stimuli. GNAI2 is 93% homolog to GNAI1, 94% to GNAI3, 85% to GNAT3, 82% to GNAT2.

Publications notables

Autrice	Pubmed ID	Journal	Application
Anil Akturk	36260679	Sci Adv	WB, CoIP
Katie S Kindt	34001891	Nat Commun	WB
Jie Li	24658464	Oncotarget	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.

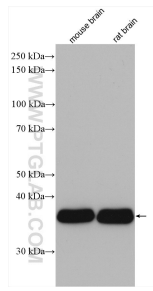
For technical support and original validation data for this product please contact:

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

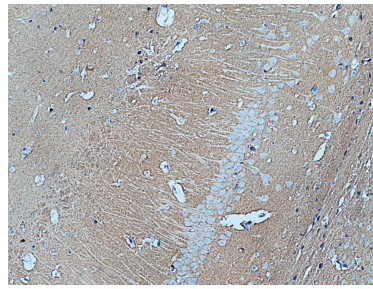
E: proteintech@ptglab.com
W: ptglab.com

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

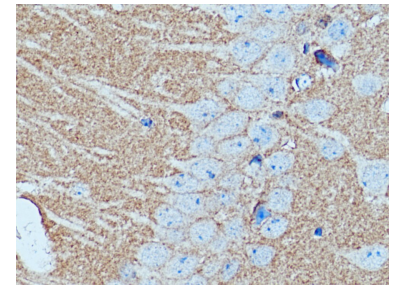
Données de validation sélectionnées



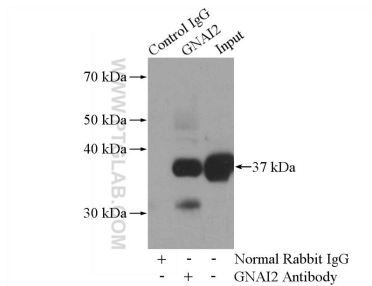
Various lysates were subjected to SDS PAGE followed by western blot with 11136-1-AP (GNAI2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



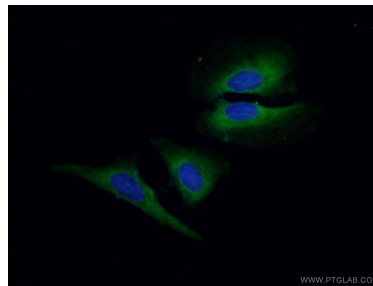
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11136-1-AP (GNAI2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11136-1-AP (GNAI2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-GNAI2 (IP:11136-1-AP, 4ug; Detection:11136-1-AP 1:500) with mouse brain tissue lysate 4000ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 11136-1-AP (GNAI2 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).