

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GNAI3



Numéro de catalogue: 11641-1-AP

1 Publications

Informations de base

Numéro de catalogue: 11641-1-AP	Numéro d'acquisition GenBank: BC025285	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 2773	Dilutions recommandées: WB 1:1000-1:5000
Hôte: Lapin	Nom complet: guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3	IHC 1:20-1:200 IF 1:10-1:100
Isotype: IgG	MW calculé 40 kDa	
Immunogen Catalog Number: AG2229	MW observés: ~40 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
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 : cellules HEK-293, cellules A431, tissu cardiaque de souris, tissu cérébral de souris, tissu rénal de souris, tissu rénal humain

IHC : tissu rénal humain, tissu cérébral humain

IF : cellules HepG2,

Informations générales

GNAI3 is a member of the Gi group proteins, which belong to the Gα protein family. GNAI3 is involved in several critical biological processes and regulates many cellular activities, including proliferation, differentiation, apoptosis, and migration. For example, GNAI3 can regulate a class of K⁺ channels in response to hormone and neurotransmitter signals. In addition to its function as a downstream signal pathway switch for receptors on the plasma membrane, GNAI3 has also been shown to localize to the centrosome and affect cytokinesis. These indicate that GNAI3 has important receptor-independent functions. The molecular weight of GNAI3 is 40 kDa. (PMID: 25444921, 34803495)

Publications notables

Autrice	Pubmed ID	Journal	Application
Menbere Wendimu	33705894	Cell Signal	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.

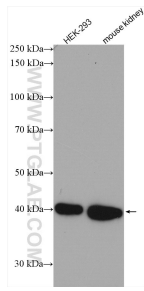
For technical support and original validation data for this product please contact:

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

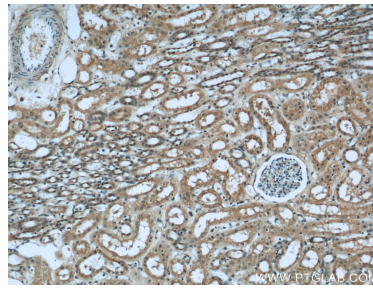
E: proteintech@ptglab.com
W: ptglab.com

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

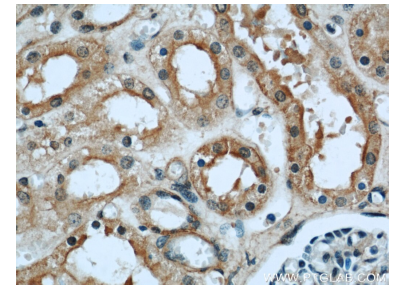
Données de validation sélectionnées



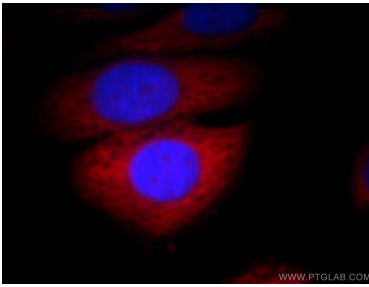
Various lysates were subjected to SDS PAGE followed by western blot with 11641-1-AP (GNAI3 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



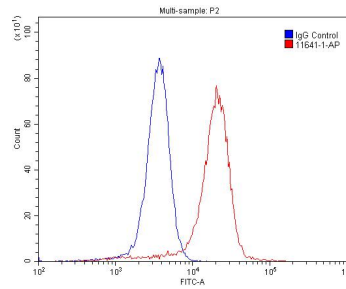
Immunohistochemical analysis of paraffin-embedded human kidney using 11641-1-AP (GNAI3 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 11641-1-AP (GNAI3 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using GNAI3 antibody 11641-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



1×10^6 A431 cells were stained with .2ug GNAI3 antibody (11641-1-AP, red) and control antibody (blue). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500. Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100.