

À des fins de recherche uniquement

Anticorps Monoclonal anti-GNAS

Numéro de catalogue: 66253-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 66253-1-Ig	Numéro d'acquisition GenBank: BC002722	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 2200 µg/ml by 2778 Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): GNAS complex locus	CloneNo.: 1A9C10
Hôte: Mouse	Nom complet: GNAS complex locus	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG2b	MW calculé: 45 kDa	
Immunogen Catalog Number: AG20530	MW observés: 46 kDa	

Applications

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

Demandes citées:
WB

Spécificité de l'espèce:
Humain, porc

Espèces citées:
porc

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, tissu cérébral de porc

IHC : tissu pancréatique humain,

IF : cellules MCF-7, tissu de cancer du côlon humain

Informations générales

Guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide 1 (GNAS1) is the ubiquitously expressed heterotrimeric G protein that couples receptors to the effector enzyme adenylyl cyclase and is required for receptor-stimulated intracellular cAMP generation. Mutations of Gs(alpha) residues involved in the GTPase reaction that lead to constitutive activation are present in endocrine tumors, fibrous dysplasia of bone, and McCune-Albright syndrome. The molecular weight of Gs(alpha) protein is about 46 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Jiaping Zhu	35810687	Vet Microbiol	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.

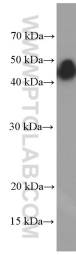
For technical support and original validation data for this product please contact:

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

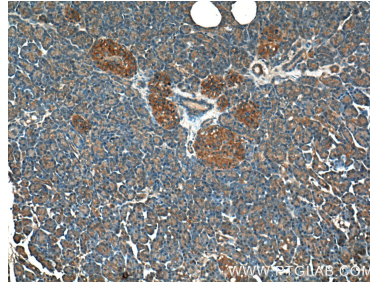
E: proteintech@ptglab.com
W: ptglab.com

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

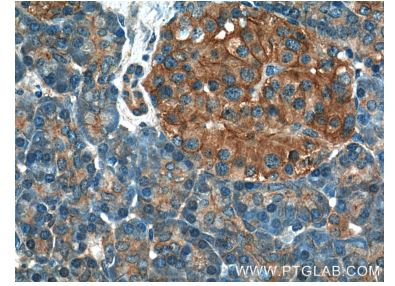
Données de validation sélectionnées



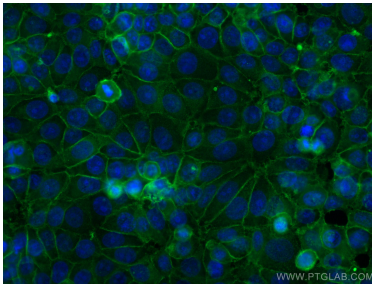
fetal human brain tissue were subjected to SDS PAGE followed by western blot with 66253-1-Ig (NESP55,GNAS Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



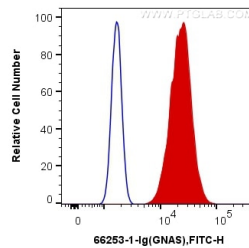
Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 66253-1-Ig (NESP55,GNAS Antibody) at dilution of 1:200 (under 10x lens).



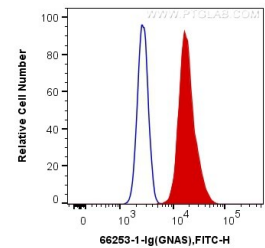
Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 66253-1-Ig (NESP55,GNAS Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using GNAS antibody (66253-1-Ig, Clone: 1A9C10) at dilution of 1:200 and CoralLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ MCF-7 cells were intracellularly stained with 0.2 ug Anti-Human GNAS (66253-1-Ig, Clone:1A9C10) and CoralLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug Anti-Human GNAS (66253-1-Ig, Clone:1A9C10) and CoralLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).