

Nur für Forschungszwecke

GNAS Monoklonaler Antikörper

Katalog-Nr.:66253-1-Ig **1 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 66253-1-Ig	GenBank-Zugangsnummer: BC002722	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 2200 µg/ml von2778 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 2778	CloneNo.: 1A9C10
Wirt: Maus	Vollständiger Name: GNAS complex locus	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:50-1:500
Isotyp: IgG2b	Berechnete Masse: 45 kDa	
Immunogen Katalognummer: AG20530	Beobachtete Masse: 46 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : fetales humanes Hirngewebe, Hausschwein- Hirngewebe IHC : humanes Pankreasgewebe, IF : MCF-7-Zellen, humanes Kolonkarzinomgewebe
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Hausschwein, Human	
Zitierte Arten: Hausschwein	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jiaping Zhu	35810687	Vet Microbiol	WB

Lagerung

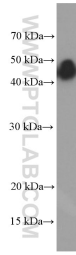
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

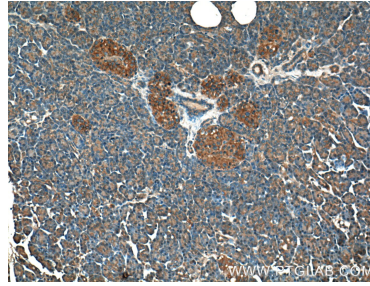
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

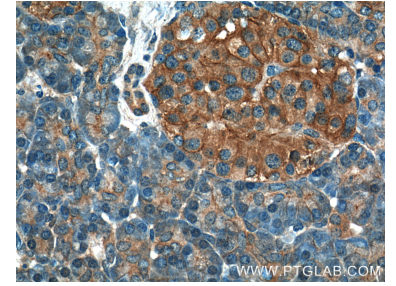
Ausgewählte Validierungsdaten



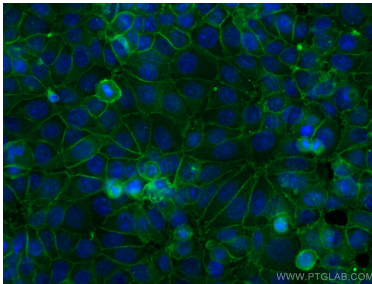
fetal human brain tissue were subjected to SDS PAGE followed by western blot with 66253-1-Ig (NESP55,GNAS Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



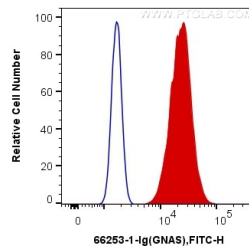
Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 66253-1-Ig (NESP55,GNAS Antibody) at dilution of 1:200 (under 10x lens).



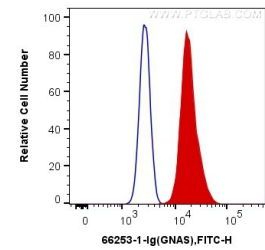
Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 66253-1-Ig (NESP55,GNAS Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using GNAS antibody (66253-1-Ig, Clone: 1A9C10) at dilution of 1:200 and CoraLite®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 CoraLite®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 CoraLite®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).