

Nur für Forschungszwecke

GNAI3 Polyklonaler Antikörper

Katalog-Nr.: 11641-1-AP

1 Publikationen



Allgemeine Informationen

Katalog-Nr.: 11641-1-AP	GenBank-Zugangsnummer: BC025285	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 2773	Empfohlene Verdünnungen: WB 1:1000-1:5000 IHC 1:20-1:200 IF 1:10-1:100
Wirt: Kaninchen	Vollständiger Name: guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3	
Isotyp: IgG	Berechnete Masse: 40 kDa	
Immunogen Katalognummer: AG2229	Beobachtete Masse: ~40 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Maus

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: HEK-293-Zellen, A431-Zellen, humanes Nierengewebe, Mausherzgewebe, Maushirngewebe, Mausnierengewebe

IHC: humanes Nierengewebe, humanes Hirngewebe

IF: HepG2-Zellen,

Hintergrundinformationen

GNAI3 is a member of the Gi group proteins, which belong to the Ga 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)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Menbere Wendimu	33705894	Cell Signal	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

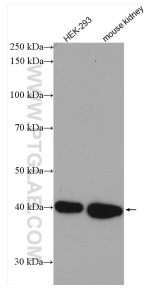
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

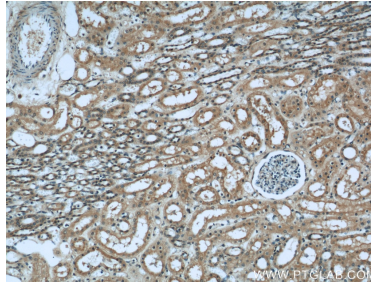
E: proteintech@ptglab.com
W: ptglab.com

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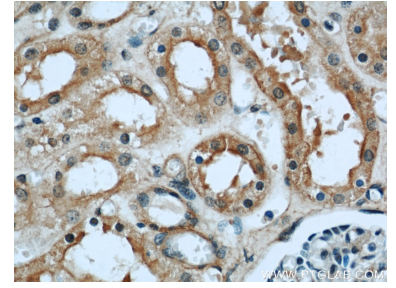
Ausgewählte Validierungsdaten



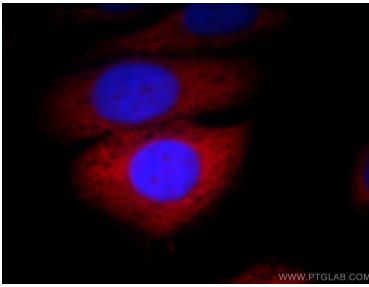
Various lysates were subjected to SDS PAGE followed by western blot with 11641-1-AP (GNAI3 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



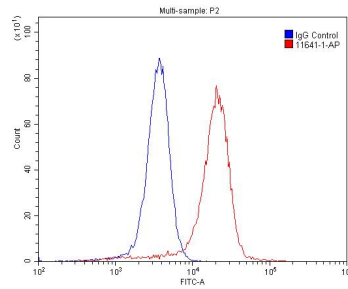
Immunohistochemical analysis of paraffin-embedded human kidney using 11641-1-AP (GNAI3 antibody) at dilution of 1:50 (under 10x lens).



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.