

Nur für Forschungszwecke

# GNAS Polyklonaler Antikörper

Katalog-Nr.:10150-2-AP

Vorgestelltes Produkt

5 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 10150-2-AP	<b>GenBank-Zugangsnummer:</b> BC002722	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 400 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 2778	<b>Empfohlene Verdünnungen:</b> WB 1:2000-1:12000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> GNAS complex locus	IP 0.5-4.0 ug für IP und 1:200-1:1000 für WB
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 45 kDa	IHC 1:200-1:800
<b>Immunogen Katalognummer:</b> AG0197	<b>Beobachtete Masse:</b> 46 kDa	IF 1:50-1:500

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

### In Publikationen genannte Anwendungen:

IF, WB

### Getestete Reaktivität:

Human, Maus, Ratte

### Zitierte Arten:

Human, Maus

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

### Positivkontrollen:

**WB** : Jurkat-Zellen, HepG2-Zellen, Maushirngewebe, Mauslebergewebe, MCF-7-Zellen, Rattenhirngewebe, Rattenlebergewebe

**IP** : Mauslebergewebe,

**IHC** : Maushirngewebe, humanes Kolongewebe, humanes Pankreasgewebe

**IF** : HeLa-Zellen,

## 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
Gemoll Timo T	21290163	Cell Mol Life Sci	WB
Hongda Ding	32123532	Cell Mol Biol Lett	WB,IF
Lele Liu	32036696	Am J Physiol Renal Physiol	WB,IF

## 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

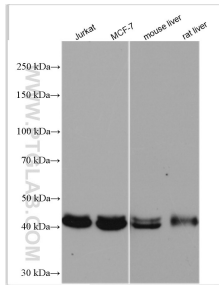
For technical support and original validation data for this product please contact:

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

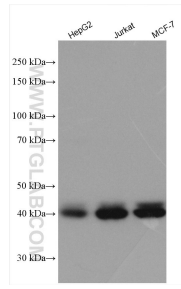
E: proteintech@ptglab.com  
W: ptglab.com

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

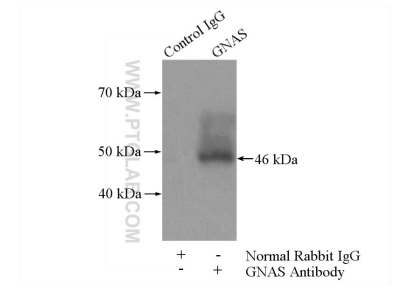
## Ausgewählte Validierungsdaten



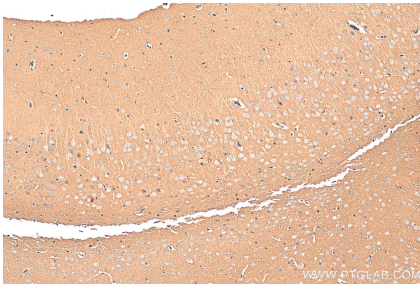
Various lysates were subjected to SDS PAGE followed by western blot with 10150-2-AP (GNAS antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



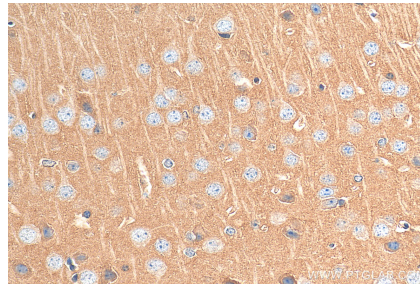
HepG2 cells were subjected to SDS PAGE followed by western blot with 10150-2-AP (GNAS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



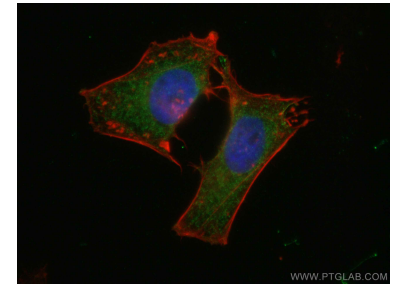
IP Result of anti-GNAS (IP:10150-2-AP, 4ug; Detection:10150-2-AP 1:300) with mouse liver tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10150-2-AP (GNAS antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10150-2-AP (GNAS antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using GNAS antibody (10150-2-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), 594-phalloidine (red).