

GTPBP4 Polyklonaler Antikörper

Katalog-Nr.: 13897-1-AP

Vorgestelltes Produkt

5 Publikationen

Allgemeine Informationen

Katalog-Nr.:
13897-1-AP

Größe:
150ul, Konzentration: 550 µg/ml von
Nanodrop und 367 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG4859

GenBank-Zugangsnummer:
BC038975

GeneID (NCBI):
23560

Vollständiger Name:
GTP binding protein 4

Berechnete Masse:
634 aa, 74 kDa

Beobachtete Masse:
74 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:8000

IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB

IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Drosophila, Human, Maus

Positivkontrollen:

WB : HeLa-Zellen, HepG2-Zellen, humanes
Nierengewebe, Maushodengewebe

IP : Maushodengewebe,

IF : HeLa-Zellen,

Hintergrundinformationen

GTP-binding proteins are GTPases and function as molecular switches that can flip between two states: active, when GTP is bound, and inactive, when GDP is bound. 'Active' in this context usually means that the molecule acts as a signal to trigger other events in the cell. When an extracellular ligand binds to a G-protein-linked receptor, the receptor changes its conformation and switches on the trimeric G proteins that associate with it by causing them to eject their GDP and replace it with GTP. The switch is turned off when the G protein hydrolyzes its own bound GTP, converting it back to GDP. But before that occurs, the active protein has an opportunity to diffuse away from the receptor and deliver its message for a prolonged period to its downstream target.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zhiqian Zhang	33134380	Biomed Res Int	WB
Haitao Yu	27720713	Biochem Biophys Res Commun	WB, IHC
Andrew J Finch	21536732	Genes Dev	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

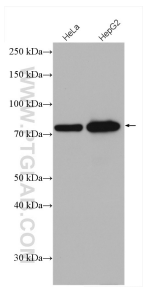
For technical support and original validation data for this product please contact:

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

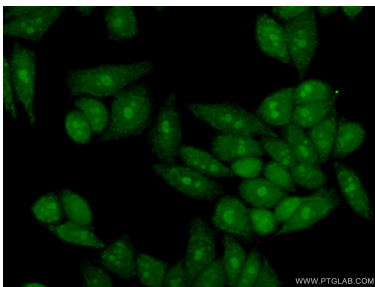
E: proteintech@ptglab.com
W: ptglab.com

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

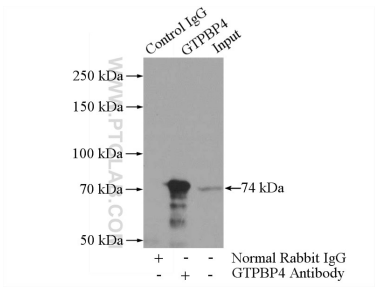
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 13897-1-AP (GTPBP4 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 13897-1-AP (GTPBP4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-GTPBP4 (IP:13897-1-AP, 4ug; Detection:13897-1-AP 1:800) with mouse testis tissue lysate 4000ug.