

Nur für Forschungszwecke

NF- κ B p65 Polyklonaler Antikörper

Katalog-Nr.:10745-1-AP

Vorgestelltes Produkt

1016 Publikationen



Allgemeine Informationen

Katalog-Nr.:
10745-1-AP

Größe:
150ul , Konzentration: 520 µg/ml von
Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG1199

GenBank-Zugangsnummer:
BC011603

GeneID (NCBI):
5970

Vollständiger Name:
v-rel reticuloendotheliosis viral
oncogene homolog A (avian)

Berechnete Masse:
65 kDa

Beobachtete Masse:
65 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000
IP 0.5-4.0 ug für IP und 1:500-1:2000
für WB
IHC 1:50-1:500
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
ChIP, CoIP, IF, IHC, IP, WB

Getestete Reaktivität:
Human

Zitierte Arten:

Affe, Fisch, Hamster, Hausschwein, Huhn, Human,
Hund, Rind, Ziege, Bombyx Mori

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

Positivkontrollen:

WB: A431-Zellen, HEK-293-Zellen, HeLa-Zellen,
Jurkat-Zellen, K-562-Zellen, MCF-7-Zellen

IP: HeLa-Zellen,

IHC: humanes Mammakarzinomgewebe, humanes
Leberkarzinomgewebe, humanes Magengewebe

IF: HepG2-Zellen,

Hintergrundinformationen

Nuclear factor κ B (NF- κ B) is a sequence-specific DNA-binding protein complex which regulates the expression of viral genomes, including the human immunodeficiency virus, and a variety of cellular genes, particularly those involved in immune and inflammatory responses. The members of the NF- κ B family in mammalian cells include the proto-oncogene c-Rel, p50/p105 (NF κ B1), p65 (RelA), p52/p100 (NF κ B2), and RelB. All of these proteins share a conserved 300-amino acid region known as the Rel homology domain which is responsible for DNA binding, dimerization, and nuclear translocation of NF- κ B. The p65 subunit is a major component of NF- κ B complexes and is responsible for trans-activation. NF- κ B heterodimeric p65-p50 and p65-c-Rel complexes are transcriptional activators. The NF- κ B p65-p65 complex appears to be involved in invasion-mediated activation of IL-8 expression. The inhibitory effect of I κ B upon NF- κ B in the cytoplasm is exerted primarily through the interaction with p65. p65 shows a weak DNA-binding site which could contribute directly to DNA binding in the NF- κ B complex. It associates with chromatin at the NF- κ B promoter region via association with DDX1. This antibody is a rabbit polyclonal antibody raised against residues near the N terminus of human RELA.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ji Xing	36230734	Cancers (Basel)	WB
Chang Liu	36230117	Foods	WB
Yanliang Wu	34601083	J Ethnopharmacol	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.

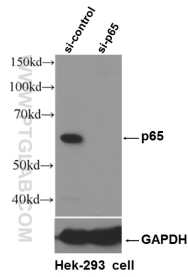
Aliquotieren ist nicht notwendig bei -20°C Lagerung

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

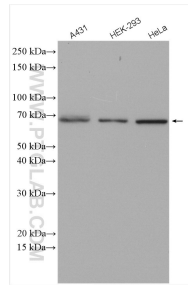
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

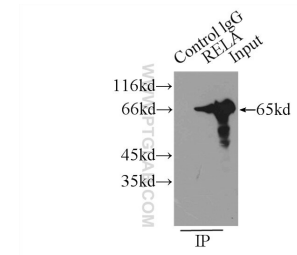
Ausgewählte Validierungsdaten



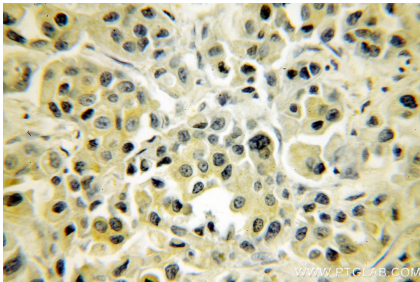
WB result of RELA, p65 antibody (10745-1-AP, 1:500) with si-Control and si-RELA, p65 transfected HeLa cells.



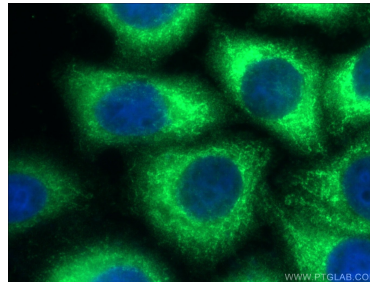
Various lysates were subjected to SDS PAGE followed by western blot with 10745-1-AP (NF- κ B p65 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



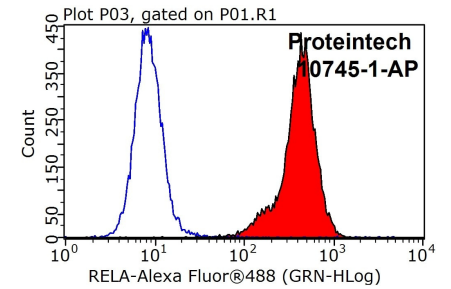
IP Result of anti-p65 (IP:10745-1-AP, 3 μ g; Detection:10745-1-AP 1:1000) with HeLa cells lysate 5000 μ g.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 10745-1-AP (p65 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 10745-1-AP (p65; RELA antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ HeLa cells were stained with 0.2 μ g p65; RELA antibody (10745-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.