

Allgemeine Informationen

Katalog-Nr.:
10409-2-AP

Größe:
150ul , Konzentration: 700 µg/ml von
Nanodrop und 313 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG0662

GenBank-Zugangsnummer:
BC002844

GeneID (NCBI):
4791

Vollständiger Name:
nuclear factor of kappa light
polypeptide gene enhancer in B-cells
2 (p49/p100)

Berechnete Masse:
97 kDa

Beobachtete Masse:
110 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB
IHC 1:20-1:200
IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

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

Positivkontrollen:

WB : Multizellen, HeLa-Zellen

IP : K-562-Zellen,

IHC : humanes Pankreaskarzinomgewebe, humanes
Leberkarzinomgewebe

IF : HeLa-Zellen,

Hintergrundinformationen

NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFkB1/p105, NFkB1/p50, REL and NFkB2/p52. NFkB2 appears to have dual functions such as cytoplasmic retention of attached NF-kappa-B proteins by p100 and generation of p52 by a cotranslational processing. The proteasome-mediated process ensures the production of both p52 and p100 and preserves their independent function. P52 binds to the kappa-B consensus sequence 5'-GGRNYYCC-3', located in the enhancer region of genes involved in immune response and acute phase reactions. P52 and p100 are respectively the minor and major form; the processing of p100 being relatively poor. Isoform p49 is a subunit of the NF-kappa-B protein complex, which stimulates the HIV enhancer in synergy with p65. This antibody recognizes both p52 and p100.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xufeng Tao	25083618	Transplantation	WB
Xinhua Xiao	28906487	Cell Death Dis	WB
Xue Guan	31751911	Mol Ther Nucleic Acids	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**

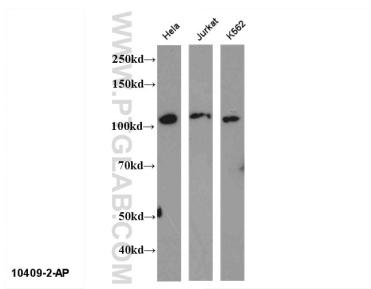
For technical support and original validation data for this product please contact:

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

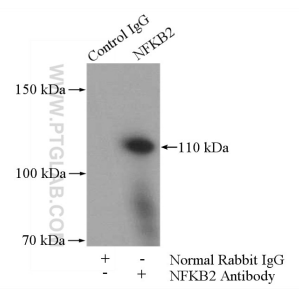
E: proteintech@ptglab.com
W: ptglab.com

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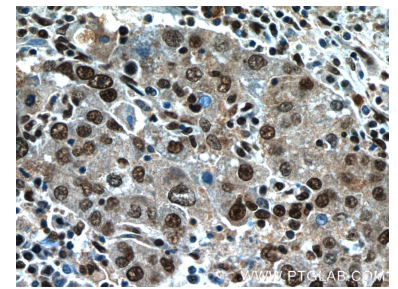
Ausgewählte Validierungsdaten



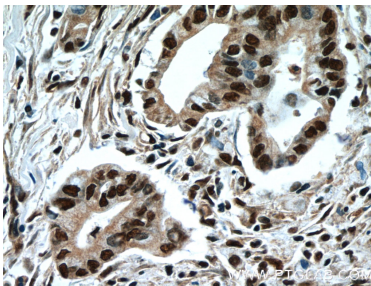
WB result of 10409-2-AP (NFKB2 antibody).



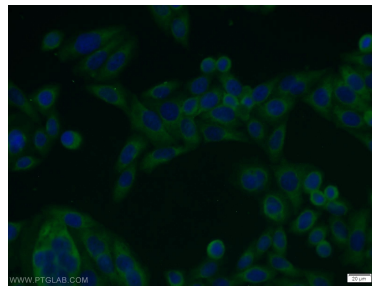
IP Result of anti-NFKB2 (IP:10409-2-AP, 4ug; Detection:10409-2-AP 1:600) with K-562 cells lysate 1200ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10409-2-AP (NFKB2 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 10409-2-AP (NFKB2 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 10409-2-AP (NFKB2 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).