

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-NFKB2



Numéro de catalogue: 10409-2-AP

Phare

16 Publications

## Informations de base

Numéro de catalogue:  
10409-2-AP

Taille:  
150ul, Concentration: 700 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG0662

Numéro d'acquisition GenBank:  
BC002844

Identification du gène (NCBI):  
4791

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

MW calculé  
97 kDa

MW observés:  
110 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:500-1:1000  
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB  
IHC 1:20-1:200  
IF 1:10-1:100

## Applications

Applications testées:  
IF, IHC, IP, WB, ELISA

Demandes citées:  
IF, IHC, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : multi-cellules, cellules HeLa

IP : cellules K-562,

IHC : tissu de cancer du pancréas humain, tissu de cancer du foie humain

IF : cellules HeLa,

## Informations générales

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.

## Publications notables

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

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

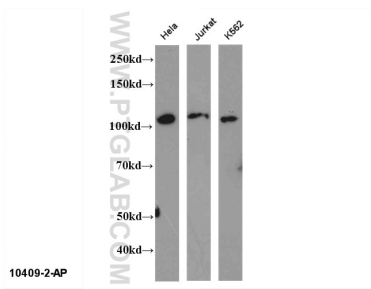
For technical support and original validation data for this product please contact:

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

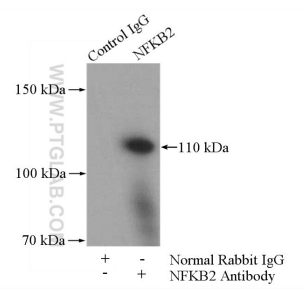
E: proteintech@ptglab.com  
W: ptglab.com

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

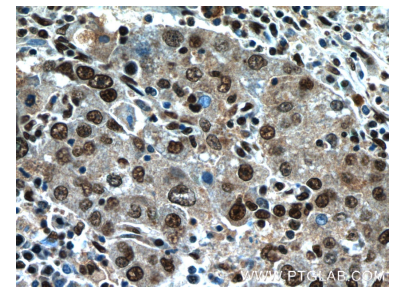
## Données de validation sélectionnées



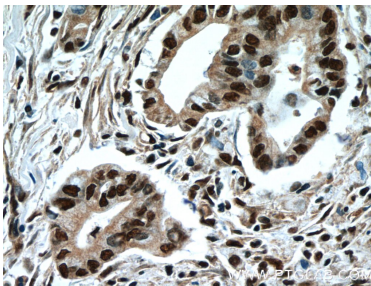
WB result of 10409-2-AP (NFKB2 antibody).



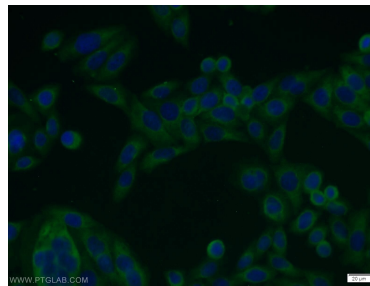
IP Result of anti-NFKB2 (IP:10409-2-AP, 4ug; Detection:10409-2-AP 1:600) with K-562 cells lysate 1200ug.



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).