À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-NF-κB p65

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Numéro de catalogue:80979-1-RR Phare 10 Publications

Informations de base

Numéro de catalogue:
80979-1-RR

Taille:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1199

Numéro d'acquisition GenBank:
BC011603

Identification du gène (NCBI):
5970

Nom complet:
v-rel reticuloendotheliosis viral oncogene homolog A (avian)

MW calculé
65 kDa

MW observés:
65 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
4C7

Dilutions recommandées:
WB 1:5000-1:40000
IF 1:200-1:800

Applications

Applications testées:
IF, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
porc, rat, souris

Contrôles positifs:

WB : cellules HeLa, cellules HEK-293, cellules HSC-T6, cellules Jurkat, cellules MCF-7, cellules MOLT-4, cellules NIH/3T3, cellules Raji

IF : cellules HepG2,

Informations générales

Nuclear factor kB (NF-kB) 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-kB family in mammalian cells include the proto-oncogene c-Rel,p50/p105 (NFkB1), p65 (RelA), p52/p100 (NFkB2), 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-kB. The p65 subunit is a major component of NF-kB complexes and is responsible for trans-activation. NF-kB heterodimeric p65-p50 and p65-c-Rel complexes are transcriptional activators. The NF-kB p65-p65 complex appears to be involved in invasin-mediated activation of IL-8 expression. The inhibitory effect of IkB upon NF-kB 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-kB complex. It associates with chromatin at the NF-kB promoter region via association with DDX1. This antibody is a rabbit polyclonal antibody raised against residues near the N terminus of human RELA.

Publications notables

Autrice	Pubmed ID	Journal	Application
Ting Xu	36079919	Nutrients	WB
Yu Xiao	36119099	Front Immunol	IF
Chao Jia	36071864	Oxid Med Cell Longev	WB,IF

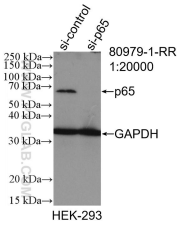
Stockage

Stockage:
Stocker à -20 °C.
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

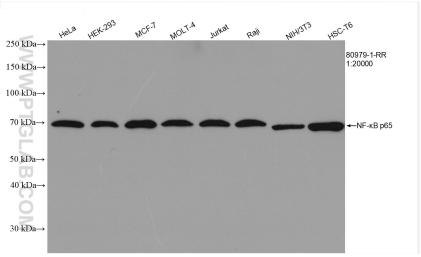
*** Les 20ul contiennent 0,1% de BSA.

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

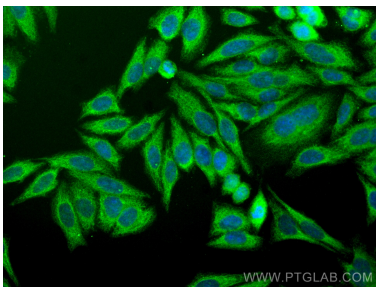
Données de validation sélectionnées



WB result of NF-κB p65 antibody (80979-1-RR; 1:13000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NF-κB p65 transfected HEK-293 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 80979-1-RR (NF-κB p65 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using p65; RELA antibody (80979-1-RR, Clone: 4C7) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).