À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NFKB1,p105,p50-Specific

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:15506-1-AP

16 Publications

Informations de base

Numéro de catalogue:
15506-1-AP

Taille:
150ul , Concentration: 350 μg/ml by Nanodrop and 207 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Numéro d'acquisition GenBank:
NM_003998

Identification du gène (NCBI):
4790

Nom complet:
nuclear factor of kappa light polypeptide gene enhancer in B-cells 1

MW calculé
105 kDa

MW observés:
50 kDa, 105 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:200-1:1000

Applications

Applications testées:
WB, ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
bovin, Humain, rat, souris

Contrôles positifs:

WB : cellules A431, cellules Raji

Informations générales

NFkB is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processed such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NFkB is is activated by various intra and extra cellular stimuli such as cytokines, oxidant free radicals, ultraviolet irradiation, and bacterial or viral products. NFkB is a family of transcription factors that consists of homo and heterodimers of NFkB1/p50 and RelA/p65 subunits, and controls a variety of cellular events including development and immune responses. All members share a conserved amino terminus domain that includes dimerization, nuclear localization, and DNA binding regions, and a carboxy terminal transactivation domain. Serines 529 and 536 in the transactivation domain of RelA/p65 are phosphorylated in response to several stimuli including phorbol ester, IL1 alpha and TNF alpha as mediated by IkB kinase and p38 MAPK. Phosphorylation of serines 529 and 536 is critical for RelA/p65 transcriptional activity. Activated NFkB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFkB has been associated with a number of inflammatory diseases while persistent inhibition of NFkB leads to inappropriate immune cell development or delayed cell growth. NFKB1 appears to have dual functions such as cytoplasmic retention of attached NF-kappa-B proteins by p105 and generation of p50 by a cotranslational processing. This antibody can bind both p105 and p50 isoforms of NFKB1.

Publications notables

Autrice	Pubmed ID	Journal	Application
Liu Yang	31485630	Mol Med Rep	WB
Qiang Li	30675235	Oncol Lett	WB
Shubo Zhou	33964361	J Ethnopharmacol	WB

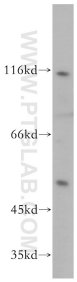
Stockage

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

Données de validation sélectionnées



A431 cells were subjected to SDS PAGE followed by western blot with 15506-1-AP (NFKB1,p105,p50-Specific antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.