

Nur für Forschungszwecke

# NFKB1,p105,p50-Specific Polyklonaler Antikörper



Katalog-Nr.:15506-1-AP

16 Publikationen

## Allgemeine Informationen

Katalog-Nr.:  
15506-1-AP

Größe:  
150ul, Konzentration: 350 µg/ml von  
Nanodrop und 207 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

GenBank-Zugangsnummer:  
NM\_003998

GeneID (NCBI):  
4790

Vollständiger Name:  
nuclear factor of kappa light  
polypeptide gene enhancer in B-cells  
1

Berechnete Masse:  
105 kDa

Beobachtete Masse:  
50 kDa, 105 kDa

Reinigungsmethode:  
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:  
WB 1:200-1:1000

## Anwendungen

Geprüfte Anwendungen:  
WB, ELISA

In Publikationen genannte Anwendungen:  
IHC, WB

Getestete Reaktivität:  
Human

Zitierte Arten:  
Human, Maus, Ratte, Rind

Positivkontrollen:

WB: A431-Zellen, Raji-Zellen

## Hintergrundinformationen

NFKB 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. NFKB 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.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Liu Yang	31485630	Mol Med Rep	WB
Qiang Li	30675235	Oncol Lett	WB
Shubo Zhou	33964361	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

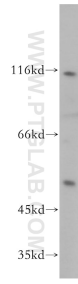
For technical support and original validation data for this product please contact:

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W: ptglab.com

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## Ausgewählte Validierungsdaten



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.