

Nur für Forschungszwecke

NFKB2,p52,p100-Specific Polyklonaler Antikörper



Katalog-Nr.:15503-1-AP

4 Publikationen

Allgemeine Informationen

Katalog-Nr.: 15503-1-AP	GenBank-Zugangsnummer: NM_001077494	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 300 µg/ml von Nanodrop und 233 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 4791	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)	
Isotyp: IgG	Berechnete Masse: 97 kDa	
	Beobachtete Masse: 52/100 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB,ELISA	Positivkontrollen: WB : A431-Zellen, HeLa-Zellen, Mausherzgewebe, MCF-7-Zellen
In Publikationen genannte Anwendungen: IF, IHC, WB	IHC : humanes Hodengewebe, humanes Milzgewebe
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

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 can bind both p52 and p100 isoforms of NFkB2.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xianhui Yang	34155950	Pharm Biol	WB
Ha-Yeon Shin	35159096	Cancers (Basel)	IHC
Jun Wang	30104686	Sci Rep	IF,WB

Lagerung

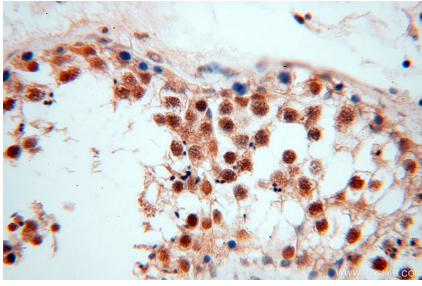
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

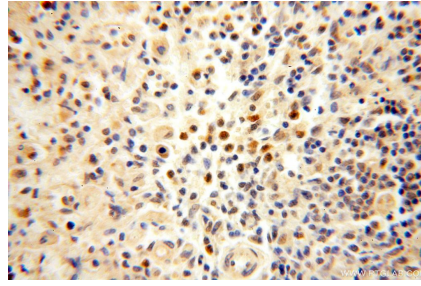
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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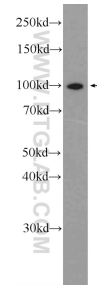
Ausgewählte Validierungsdaten



Immunohistochemical analysis of paraffin-embedded human testis using 15503-1-AP (NFkB2,p52,p100-Specific antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human spleen using 15503-1-AP (NFkB2,p52,p100-Specific antibody) at dilution of 1:50 (under 40x lens).



A431 cells were subjected to SDS PAGE followed by western blot with 15503-1-AP (NFkB2,p52,p100-Specific Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.