

Allgemeine Informationen

Katalog-Nr.: 51085-1-AP	GenBank-Zugangsnummer: BC002844	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 200 µg/ml von Nanodrop und 153 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 4791	Empfohlene Verdünnungen: WB 1:500-1:2000
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: 103 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : Apoptotisierte HeLa-Zellen,
Getestete Reaktivität: Human, Maus	

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'-GGRNNYCC-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 is a rabbit polyclonal antibody raised against a peptide mapping within human NFKB2.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern.
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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Ausgewählte Validierungsdaten



Apoptosised HeLa cells were subjected to SDS PAGE followed by western blot with 51085-1-AP (NFKB2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.