For Research Use Only

NFKB2 Polyclonal antibody

Catalog Number: 51085-1-AP

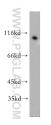


Basic Information	Catalog Number: 51085-1-AP	GenBank Accession Number: BC002844	Purification Method: Antigen affinity purification					
	Size:	GenelD (NCBI):	Recommended Dilutions:					
	200 µ g/ml Source: Rabbit Isotype: IgG	4791 ENSEMBL Gene ID: ENSG00000077150	WB 1:500-1:2000					
				UNIPROT ID: Q00653 Full Name: nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100) Calculated MW: 97 kDa Observed MW: 103 kDa				
		Applications	Tested Applications:			Positive C	Positive Controls:	
			WB, ELISA WB : Apoptosised HeLa cells, Species Specificity: human, mouse					
	Background Information	NF-kappa-B 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. 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'-GGRNNYYCC-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 p10 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.						
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For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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Selected Validation Data



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.