For Research Use Only

NFKB2 Polyclonal antibody Catalog Number: 51085-1-AP

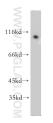


Basic Information	Catalog Number: 51085-1-AP	GenBank Accession Number: BC002844	Purification Method: Antigen affinity purification				
	Size: 150ul, Concentration: 200 ug/ml by Nanodrop and 153 ug/ml by Bradford method using BSA as the standard; Source: Rabbit Isotype: IgG	GenelD (NCBI):	Recommended Dilutions:				
				Observed MW: 103 kDa			
				Applications	Tested Applications: WB, ELISA	Positive Controls:	
					Species Specificity: human, mouse	WB : Apoptosised HeLa cells,	
				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. NI 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.		
		Storage	Storage: Store at -20°C. Storage Buffer: PBS with 0.02% sodium azide and 50	0, 1			
*** 20ul sizes contain 0.1% BSA	Aliquoting is unnecessary for -20°C s	torage					

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