NFκB p65 polyclonal antibody

Nuclear factor kappa-B (NFk) B) functions as a sequence specific transcriptional activator that binds to the intronic enhancer of kappa light chain gene in B lymphocytes. NF-kB is a heterodimer consisting of a 50 kDa DNA binding subunit (p50) and a 65 kDa transactivation subunit (p65/RelA) (ref. 3), both of which exhibit sequence homology to the protooncogene c-Rel. p50 has an isoform called p49/p52, and both proteins derive from the amino-terminal of precursor protein p105 and p100, respectively. The p50/p65 heterodimer remains in inactive form in the cytosol as a complex with its inhibitor, IkB. Upon stimulation of cells by a variety of stimuli, including lipopolysaccharide (LPS), pro-inflammatory cytokines like interleukin-1 and tumor necrosis factor, and viral infection, IkB becomes phosphorylated and degraded by the proteosome. The active NF-kB heterodimer translocates into the nucleus and induces gene expression.

This antibody is covered by our Worry-Free Guarantee.

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ADI-KAS-TF110-D	50µg
ADI-KAS-TF110-F	200µg

Manuals, SDS & CofA View Online »

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	RELA
Application	WB
Application Notes	Detects a band of ~65kDa by Western blot.
Formulation	Liquid. In PBS, pH 7.2, containing 0.09% sodium azide.
GenBank ID	M62399
Host	Rabbit
Immunogen	Synthetic peptide corresponding to a portion of human p65 NF-κB. The sequence is completely conserved in mouse NF-κB p65.
Purity Detail	Protein A affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:1,000, colorimetric)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from rabbit serum.
Species Reactivity	Bovine, Dog, Guinea pig, Human, Monkey, Mouse, Porcine, Rabbit, Rat
UniProt ID	Q04206
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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