

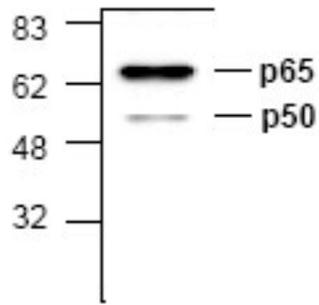
RELA

Rabbit Anti-Mouse NFκB p65 Affinity Purified pAb

Catalog No.	CPN101	Quantity:	100 µg
Alternate Names:	RELA, NFKB3, MGC131774		
Description:	<p>NFκB is a heterodimer that consists of a 50 kDa DNA binding subunit (p50) and a 65 kDa transactivation subunit (p65/RelA). Both of these subunits exhibit sequence homology to the protooncogene c-Rel. The p50 has an isoform called p49/p52, and both proteins are derived from the amino-terminal of precursor protein p105 and p100. The p50/p65 heterodimer remains in the cytosol in an inactive form as a complex with its inhibitor, IκB. Upon stimulation of cells by a wide variety of stimuli such as lipopolysaccharide (LPS), pro-inflammatory cytokines (IL-1 & TNF, etc.), and viral infection, IκB is phosphorylated and degraded by proteasome. The active NFκB heterodimer is translocated into the nucleus and induces gene expression.</p>		
Concentration:	0.2 mg/ml		
Gene ID:	19697		
Specificity:	The antibody detects primarily NFκB p65 in samples of human, mouse, and rat origins.		
Host:	Rabbit		
Immunogen:	Synthetic peptide surrounding amino acid 274 of mouse NFκB p65		
Isotype:	IgG		
Formulation:	<p>100 µg (0.2 mg/ml) affinity purified rabbit anti-NFκB polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 25% glycerol, 0.5% BSA, 0.01% thimerosal.</p> <p>Precaution: Thiomersal is a poisonous and hazardous substance which should be handled by trained staff only.</p>		
Purification:	Affinity purified		
Cross-Reactivity:	Human, mouse, and rat		
Applications:	Western Blot Immunocytochemistry		
Application Notes:	Western blotting (0.5-4 µg/ml), immunocytochemistry (10-20µg/ml). However, the optimal conditions should be determined individually. The antibody detects primarily NFκB p65 in samples of human, mouse, and rat origins. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at -20°C or in working aliquots at -80°C for long term storage. Avoid repeated freeze-thaw cycles.		

Western Blot analysis NFκB expression in Jurkat cell lysate





NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

