



# NFκBIZ Rabbit pAb

<b>Catalog No</b>	BYab-18674
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human,Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	NFKBIZ IKBZ INAP MAIL
<b>Protein Name</b>	NF-kappa-B inhibitor zeta (I-kappa-B-zeta) (IκB-zeta) (IkappaBzeta) (IL-1 inducible nuclear ankyrin-repeat protein) (INAP) (Molecule possessing ankyrin repeats induced by lipopolysaccharide) (MAIL)
<b>Immunogen</b>	Synthesized peptide derived from human NFKBIZ
<b>Specificity</b>	This antibody detects endogenous levels of NFKBIZ at Human, Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	79kD
<b>Cell Pathway</b>	Nucleus . Aggregated in dot-like structures (PubMed:16513645). Colocalizes with NCOR2 (PubMed:16513645). .
<b>Tissue Specificity</b>	Expressed at high levels in peripheral blood leukocytes and lung, at moderate levels in liver, placenta, and at low levels in spleen, kidney, skeletal muscle and heart.
<b>Function</b>	Involved in regulation of NF-kappa-B transcription factor complexes . Inhibits NF-kappa-B activity without affecting its nuclear translocation upon stimulation . Inhibits DNA-binding of RELA and NFKB1/p50, and of the NF-kappa-B p65-p50 heterodimer and the NF-kappa-B p50-p50 homodimer . Seems also to activate NF-kappa-B-mediated transcription . In vitro, upon association with NFKB1/p50 has transcriptional activation activity and, together with NFKB1/p50 and RELA, is recruited to LCN2 promoters . Promotes transcription of LCN2 and DEFB4 . Is recruited to IL-6 promoters and activates IL-6 but decreases TNF-alpha production in response to LPS (By similarity). Seems to be involved in the induction of inflammatory genes activated through TLR/IL-1 receptor signaling (By similarity). Involved in the induction of T helper 17 cells (Th17) differentiation upon recognition of antigen by T cell antigen receptor (TCR) (By similarity).

Background

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.