

## NFKBIA

### Rabbit Anti-Mouse Inhibitor of NF-kappa-B alpha pAb

<b>Catalog No.</b>	CPI200	<b>Quantity:</b>	200 µg
<b>Alternate Names:</b>	Nfkb1		
<b>Description:</b>	Purified Rabbit Anti-Mouse Inhibitor of NF-kappa-B alpha polyclonal antibody. IκBα protein is a NF-κB inhibitory protein. It binds NF-κB, retains the complex in the cytoplasm, prevents it from entering the nucleus, and functions as a transcription factor. Upon receiving a variety of signals, IκBα undergoes phosphorylation at serine residues by a ubiquitin-dependent protein kinase and is finally degraded by the proteasome. Free NF-κB then binds to DNA and affects gene expression.		
<b>Gene ID:</b>	18035		
<b>UniProtKB:</b>	Q9Z1E3		
<b>Specificity:</b>	Mouse Inhibitor of NF-kappa-B alpha		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	<i>E. coli</i> expressed recombinant mouse IκBα		
<b>Isotype:</b>	IgG		
<b>Conjugate:</b>	Unconjugated		
<b>Formulation:</b>	Lyophilized with 0.05% sodium azide		
<b>Purification:</b>	Protein A purified		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute to 1 mg/mL by adding 200 µL H <sub>2</sub> O.		
<b>Cross-Reactivity:</b>	Cross-reactivity to IκBα of other species has not been determined.		
<b>Applications:</b>	Western blot (WB)		
<b>Application Notes:</b>	<b>WB:</b> working dilution of 1:2000. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store at 4 °C for short term or in working aliquots at -20 °C for up to one year. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Statement:</b>	PPE is recommended when working with products containing sodium azide.		

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