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## anti-NFKBIB antibody (pSer19)

2 Images



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Quantity:	100 μL
Target:	NFKBIB
Binding Specificity:	pSer19
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human I kappaB- beta around the phosphorylation site of Ser19.
Isotype:	IgG
Specificity:	Phospho-IKB beta (Ser19) Antibody detects endogenous levels of IKB beta only when phosphorylated at Ser19.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken
Purification:	The antibody is from purified rabbit serum by affinity purification via sequential
	chromatography on phospho- and non-phospho-peptide affinity columns.
Target Details	

Target: NFKBIB

#### **Target Details**

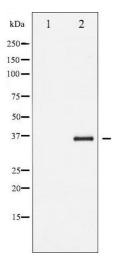
Alternative Name:	NFKBIB (NFKBIB Products)	
Background:	Description: Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. However, the unphosphorylated form resynthesized after cell stimulation is able to bind NF-kappa-B allowing its transport to the nucleus and protecting it to further NFKBIA-dependent inactivation. Association with inhibitor kappa B-interacting NKIRAS1 and NKIRAS2 prevent its	
Molecular Weight:	phosphorylation rendering it more resistant to degradation, explaining its slower degradation.  Gene: NFKBIB  37kDa	
Gene ID:	4793	
UniProt:	Q15653	
Pathways:	NF-kappaB Signaling, Activation of Innate immune Response, Maintenance of Protein Location, Toll-Like Receptors Cascades	

### **Application Details**

Application Notes:	WB 1:500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

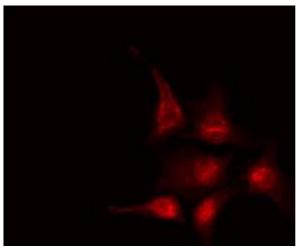
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



#### **Western Blotting**

**Image 1.** Western blot analysis of I kappaB beta phosphorylation expression in TNF-a treated 293 whole cell lysates,The lane on the left is treated with the antigenspecific peptide.



#### Immunofluorescence (fixed cells)

**Image 2.** ABIN6267657 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.