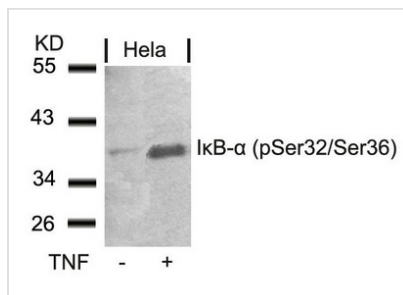


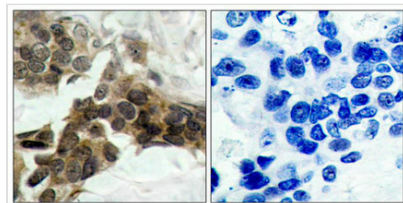


Phospho-NFKBIA (Ser32/Ser36) Antibody

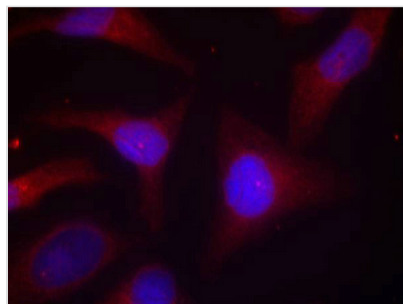
Product Code	CSB-PA093630
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P25963
Immunogen	Peptide sequence around phosphorylation site of serine 32/36 (H-D-S(p)-G-L-D-S(p)-M-K) derived from Human IκB-α.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of IκB-α only when phosphorylated at serine 32/36.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:100,IF:1:100-1:200
Relevance	Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELα to translocate to the nucleus and activate transcription. Shieh, S. Y. et al. (1999) EMBO J. 18, 1815-1823. Honda, R. et al. (1997) FEBS Lett. 420, 25-27. Hirao, A. et al. (2000) Science 287, 1824-1827. Tibbetts, R. S. et al. (1999) Genes Dev. 13, 152-157. Chehab, N.H. et al. (1999) Proc. Natl. Acad. Sci. USA 96, 13777-13782.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography.
Clonality	Polyclonal
Alias	I-kappa-B-α; IKBA; NF-kappaB inhibitor α; NFKBI; NFKBIA
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	NFKBIA
Image	



Western blot analysis of extracts from HeLa cells untreated or treated with TNF using IkB-α(Phospho-Ser32/Ser36) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IkB-α(Phospho-Ser32/Ser36) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using IkB-α(Phospho-Ser32/Ser36) Antibody.

Product Modify

Phospho-Ser32/Ser36