

Product datasheet for **TA384864**

IKB alpha (NFKBIA) Rabbit Monoclonal Antibody [Clone ID: R08-9E4]

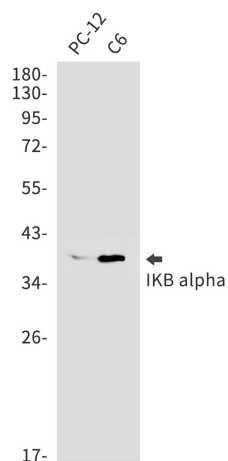
Product data:

Product Type:	Primary Antibodies
Clone Name:	R08-9E4
Applications:	IHC, IP, WB
Recommended Dilution:	WB: 1/1000-1/10000 IHC: 1/20 IP: 1/20
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human IKB alpha
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 36 kDa; Observed MW: 39 kDa
Gene Name:	NFKB inhibitor alpha
Database Link:	Entrez Gene 4792 Human P25963
Background:	Swiss-Prot Acc.P25963.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 RELA to translocate to the nucleus and activate transcription.
Synonyms:	I-kappa-B-alpha; IkappaBalpha; Ikb-alpha; IKBA; MAD-3; MAD3; NFKBI

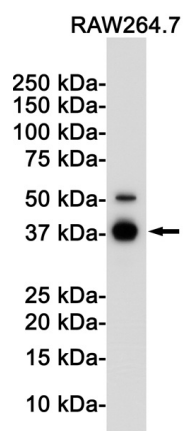


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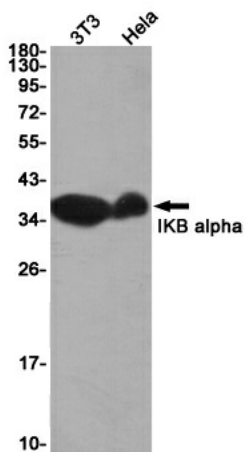
Product images:



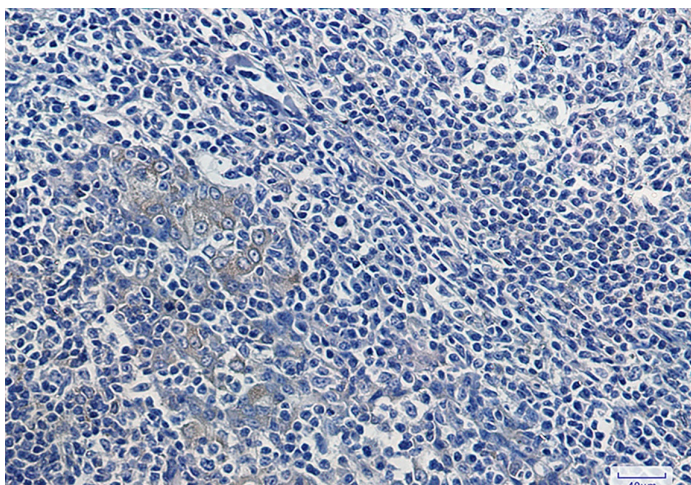
Western blot analysis of IKB alpha in PC-12, C6 lysates using IKB alpha antibody.



Western blot analysis of IKB alpha in Raw264.7 lysates using IKB alpha antibody.



Western blot analysis of IKB alpha in 3T3, HeLa lysates using IKB alpha antibody



Immunohistochemistry analysis of paraffin-embedded Human tonsil using IKB alpha antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.