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Product datasheet for TA384865

IKB alpha (NFKBIA) Rabbit Monoclonal Antibody [Clone ID: R08-2D9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	R08-2D9
Applications:	IP, WB
Recommended Dilution:	WB: 1/1000 IP: 1/20
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic phosphopeptide corresponding to residues surrounding Ser32 of human IKB alpha (Phosphorylated)
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: 36 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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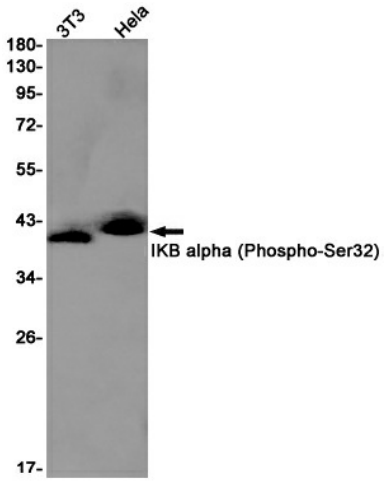
Product images:



Western blot analysis of IKB alpha (Phospho-Ser32) in 3T3, Hela lysates using Phospho-IKB alpha (Ser32) antibody.