

Anti-I κ B α (Tyr-42), Phosphospecific Antibody

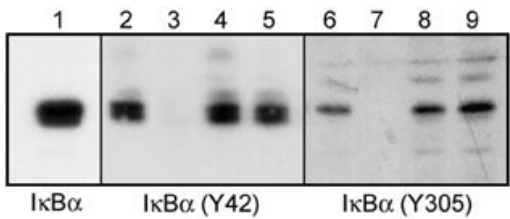


Product Details

Available Variants	100 μ L (SKU:IP1031)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	NFKBIA
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, IP, WB
Dilution Ranges	WB: 1:1000 IP: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	I κ B α (Tyr-42) synthetic peptide (coupled to KLH) corresponding to amino acid residues around tyrosine 42 of human I κ B α . This peptide sequence has low homology to other I κ B proteins, but does have some homology to unrelated proteins that may have a conserved tyrosine phosphorylation motif.
Specificity	This antibody was cross-adsorbed to phospho-tyrosine coupled to agarose then affinity purified using phospho-I κ B α (Tyr-42) peptide (without carrier). The antibody detects a 38 kDa* protein on SDS-PAGE immunoblots of A431 and Jurkat cells treated with pervanadate, but not in control cells. Due to homologies to tyrosine sites on other proteins, it is recommended that the antibody be used to detect phosphorylation of immunoprecipitated I κ B α .
Molecular Weight	38
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	P25963
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Tyr-42

Product Images



Western blot analysis of A431 cells treated with pervanadate (1 mM) for 30 min. Blots were probed with anti-IκBα (lane 1), anti-IκBα (Tyr-42) (IP1031; lanes 2-5), or anti-IκBα (Tyr-305) (IP1041; lanes 6-9). In some lanes, the antibodies were used in the absence (lane 2 & 6) or presence of IκBα (Tyr-42) (lane 3 & 8) or IκBα (Tyr-305) (lane 4 & 7) blocking peptides, or BSA conjugated to phospho-tyrosine (lane 5 & 9).

Product Page URL: www.antibodiesinc.com/products/anti-ikba-tyr-42-phosphospecific-antibody-ip1031

