

Product Data Sheet

Anti-IKB alpha Antibody

Catalog #	Source	Reactivity	Applications
CPA7192	Rabbit	H, M, R, P	WB
Description	Rabbit polyclonal antibody to IKB alpha		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human IKB alpha. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of IKB alpha protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	NFKBIA		
Alternative Names	IKBA; MAD3; NFKBI; NF-kappa-B inhibitor alpha; I-kappa-B-alpha; Ikb-alpha; IkappaBalpa; Major histocompatibility complex enhancer-binding protein MAD3		
Entrez Gene	4792 (Human); 18035 (Mouse); 25493 (Rat)		
SwissProt	P25963 (Human); Q9Z1E3 (Mouse); Q63746 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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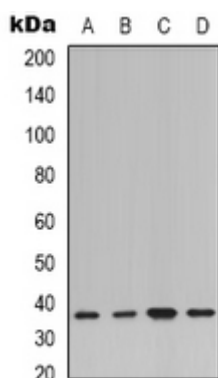
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Western blot analysis of IKB alpha expression in K562 (A), Hela (B), NIH3T3 (C), rat kidney (D) whole cell lysates. (Predicted band size: 35 kD; Observed band size: 36 kD)

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