

Rabbit IKB alpha Polyclonal Antibody | anti- IKB alpha antibody

IKB alpha antibody

CATALOG # AAA107608	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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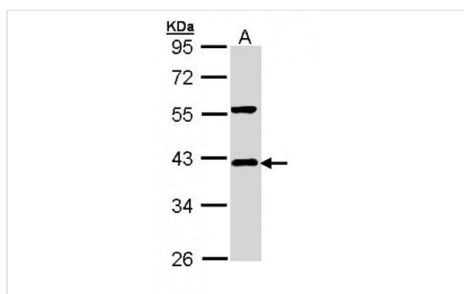
PRODUCT SYNONYMS

IKB alpha; Polyclonal Antibody; IKB alpha antibody; Polyclonal IKB alpha; Anti- IKB alpha; IKBA; NF-kappa-B inhibitor alpha; NFKBIA; nuclear factor of kappa light chain gene enhancer in B-cells; I-kappa-B-alpha; NFKBI; MAD-3; IkappaBalph; anti- IKB alpha antibody

PRODUCT SPECIFICATIONS

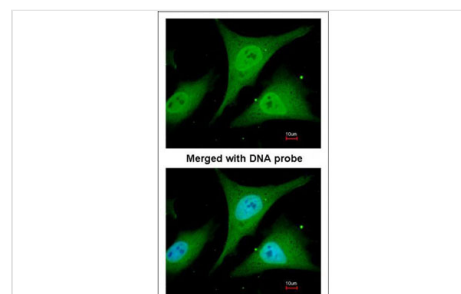
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	IKB alpha antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti- IKB alpha antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	NFKB1 or NFKB2 is bound to REL, RELA, or RELB to form the NFKB complex. The NFKB complex is inhibited by I-kappa-B proteins, which inactivate NF-kappa-B by trapping it in the cytoplasm. Phosphorylation of serine residues on the I-kappa-B proteins by kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B complex. Activated NFKB complex translocates into the nucleus and binds DNA at kappa-B-binding motifs such as 5-prime GGGRNNYYCC 3-prime or 5-prime HGGARNYYCC 3-prime.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Hep G2) using a 10 % SDS PAGE gel and IKB alpha antibody at a dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using IkbpaB-alpha antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-IKB alpha antibody	Affinity purified Rabbit polyclonal IKB alpha antibody
Product Categories/Family for anti-IKB alpha antibody	Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	36 kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ikb-alpha-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/107608>