

Phospho-NFKBIA-S36

Reactivity:Human Mouse

Tested applications:WB ICC

Recommended Dilution:WB 1:500 - 1:2000 ICC 1:50 - 1:200

Calculated MW:40kDa

Observed MW:Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding S36 of human NFKBIA

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

bkpqs

Synonym:

NFKBIA;IKBA;MAD-3;NFKBI;NF-kappa-B inhibitor alpha;

Catalog #:AP0110

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:4792

Isotype:IgG

Swiss Prot:P25963

Purity:Affinity purification

For research use only.

Background:

The NF- κ B/Rel transcription factors are present in the cytosol in an inactive state complexed with the inhibitory IB proteins (1-3). Activation occurs via phosphorylation of IB at Ser32 and Ser36 followed by proteasome-mediated degradation that results in the release and nuclear translocation of active NF- κ B (3-7). IB phosphorylation and resulting Rel-dependent transcription are activated by a highly diverse group of extracellular signals including inflammatory cytokines, growth factors, and chemokines. Kinases that phosphorylate IB at these activating sites have been identified (8).

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