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IkB alpha Polyclonal Antibody

Cat #: G-AB-05246

Host: Rabbit **Reactivity:** Human

Isotype: IgG **Clonality:** Polyclonal

Overview:
Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor,alpha (NFKBIA,synonyms: IKBA,MAD-3,NFKBI). 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 (NFKBIA or NFKBIB),which inactivate NF-kappa-B by trapping it in the cytoplasm. Phosphorylation of serine residues on the I-kappa-B proteins by kinases (IKBKA,or IKBKB) 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.

Gene ID:

Accession #:

Immunogen: KLH conjugated Synthetic peptide corresponding to Mouse IKB

Conjugation: Unconjugated

Swissprot: P25963,Q9Z1E3

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 1.3 mg/mL

Buffer: PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: IHC

Dilution: IHC 1:200-1:800

Storage: Store at -20°C. Avoid freeze / thaw cycles.