
IkB-alpha Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251650

Unit: 0.1 mg

Description:

IkB-alphas (nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha) is one member of a family of cellular proteins that function to inhibit the NF-kB transcription factor. IkB-alpha inhibits NF-kB by masking the nuclear localization signals (NLS) of NF-kB proteins and keeping them sequestered in an inactive state in the cytoplasm. In addition, IkB-alpha blocks the ability of NF-kB transcription factors to bind to DNA, which is required for NF-kB's proper functioning. Mutations in the gene encoding IkB-alpha have linked to Hodgkin's lymphoma.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: NF-kappa B inhibitor alpha; I-kappa-B-alpha; IkappaBalpha; IkB-alpha; Major histocompatibility complex enhancer-binding protein MAD3; NFKBIA; IKBA; NFKBI

Accession No.: P25963

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human IkB-alpha.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

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

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.