

Cat No: Kab06089

Product Particulars: anti-p65/RELA-antibody

Pack Size: 100µg

Pack Size: Pack Size: 100µg

Purify: Immunogen affinity purified

Host: Rabbit

Isotype: IgG

Storage: PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20°C for 24 months (Avoid repeated freeze / thaw cycles.)

Background (Function): Nuclear factor k B (NF-kB) is a sequence-specific DNA-binding protein complex which regulates the expression of viral genomes, including the human immunodeficiency virus, and a variety of cellular genes, particularly those involved in immune and inflammatory responses. The members of the NF-Kb family in mammalian cells include the proto-oncogene c-Rel, p50/p105 (NFkB1), p65 (RelA), p52/p100 (NFkB2), and RelB. All of these proteins share a conserved 300-amino acid region known as the Rel homology domain which is responsible for DNA binding, dimerization, and nuclear translocation of NF-Kb. The p65 subunit is a major component of NF-Kb complexes and is responsible for trans-activation. NF-kappa-B heterodimeric p65-p50 and p65-c-Rel complexes are transcriptional activators. The NF-kappa-B p65-p65 complex appears to be involved in invasin-mediated activation of IL-8 expression. The inhibitory effect of I-kappa-B upon NF-kappa-B the cytoplasm is exerted primarily through the interaction with p65. p65 shows a weak DNA-binding site which could contribute directly to DNA binding in the NF-kappa-B complex. It associates with chromatin at the NF-kappa-B promoter region via association with DDX1. This antibody is a rabbit polyclonal antibody raised against residues near the N terminus of human RELA.

Immunogen: v-rel reticuloendotheliosis viral oncogene homolog A (avian)

Synonyms: NFKB 3, NFKB p65, NFKB3, p65, RELA, Transcription factor p65

Calculated MW: 65kDa

Uniprot ID: Q04206

Specificity: Human,Mouse ,Rat,Pig

Tested Application: ELISA,IHC,IF,IP,WB,FC

Recommended Dilution: WB:1:500-1:5000;IP:1:500-1:5000;IHC:1:50-1:200;IF:1:10-1:100

Gene ID:

Gene Location: Cytoplasm,Nucleus

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

OUR KINESISDX COMMITMENT : GUARANTEED QUALITY WITH EXPERT TECHNICAL SUPPORT