

---

## **NFKB p50 Antibody**

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251563

**Unit:** 0.1 mg

### **Description:**

NF-kappa-B p50 subunit (NFKB p50) is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B complexes are held in the cytoplasm in an inactive state complexed with members of the NF-kappa-B inhibitor (I-kappa-B) family. In a conventional activation pathway, I-kappa-B is phosphorylated by I-kappa-B kinases (IKKs) in response to different activators, is subsequently degraded thus liberating the active NF-kappa-B complex which translocates to the nucleus. NF-kappa-B heterodimeric p65-p50 and RelB-p50 complexes are transcriptional activators. The NF-kappa-B p50-p50 homodimer is a transcriptional repressor, but can act as a transcriptional activator when associated with BCL3.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** H, M, R, D, P, B, Ck

**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:** Nuclear factor NF-kappa-B p105/p50 subunit; DNA-binding factor KBF1; EBP-1; NFKB1; Nuclear factor NF-kappa-B p50 subunit; NFKB p105/p50

**Accession No.:** P19838

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within human NFKB p50.

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