



Order: (888)-282-5810 (Phone)  
(818)-707-0392 (Fax)  
[order@abiocode.com](mailto:order@abiocode.com)  
Web: [www.Abiocode.com](http://www.Abiocode.com)

---

## RELB (C) Antibody, Rabbit Polyclonal

**Cat#:** R1350-2

**Quantity:** 100 ul

**Predicted | Observed M.W.:** 62 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** Q01201

### **Background:**

NF-kappa-B 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 is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. Different dimer combinations act as transcriptional activators or repressors, respectively. NF-kappa-B is controlled by various mechanisms of post-translational modification and subcellular compartmentalization as well as by interactions with other cofactors or corepressors. 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, subsequently degraded thus liberating the active NF-kappa-B complex which translocates to the nucleus. NF-kappa-B heterodimeric RELB-p50 and RELB-p52 complexes are transcriptional activators.

### **Other Names:**

Transcription factor RelB, I-Rel

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing C-terminal region of human RELB. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Tested Applications:**

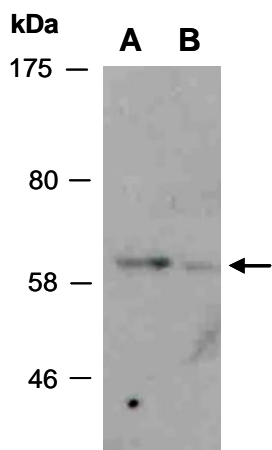
WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Species Specificity:**

Human

**Product Data:**



**Fig 1.** Western blot of total cell extracts from A) human HeLa, B) human Jurkat; using anti-RELB (C) (R1350-2) at RT for 2 h.