



## **Anti-IKBKB (Inhibitor of nuclear factor kappa-B kinase subunit beta) Polyclonal Antibody**

**Category:** Polyclonal Antibody

**Catalog #:** AB2B013

**Antigen Synonym:** IKKB

**Species Reactivity:** Human

### **Immunogen/Specificity:**

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to very C-terminal residues of human IKKBK (Inhibitor of nuclear factor kappa-B kinase subunit beta)

### **Description:** IKKBK (Inhibitor of nuclear factor kappa-B kinase subunit beta)

acts as part of the IKK complex in the conventional pathway of NF-kappa-B activation and phosphorylates inhibitors of NF-kappa-B thus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor. IKKBK also phosphorylates NCOA3. Component of the I-kappa-B-kinase (IKK) core complex consists of CHUK, IKKBK and IKBKG; probably four alpha/CHUK-beta/IKKBK dimers are associated with four gamma/IKBKG subunits. The IKK core complex seems to associate with regulatory or adapter proteins to form a IKK-signalosome holo-complex. Part of a complex composed of NCOA2, NCOA3, CHUK/IKKA, IKKBK, IKBKG and CREBBP. Part of a 70-90 kDa complex at least consisting of CHUK/IKKA, IKKBK, NFKBIA, RELA, IKBKAP and MAP3K14.

### **Reference:**

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**Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: [Info@antageneinc.com](mailto:Info@antageneinc.com)**