



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

**Category:** Phospho-Polyclonal Antibody

**Catalog #:** Phospho-AB2B016(Phospho Site: 476S)

**Antigen Synonym:** IKKB

**Species Reactivity:** Human

### **Immunogen/Specificity:**

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to middle amino acid residues of human IKKB (Inhibitor of nuclear factor kappa-B kinase subunit beta)

### **Description:** IKKB (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. IKKB also phosphorylates NCOA3. Component of the I-kappa-B-kinase (IKK) core complex consists of CHUK, IKKB and IKBKG; probably four alpha/CHUK-beta/IKKB 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, IKKB, IKBKG and CREBBP. Part of a 70-90 kDa complex at least consisting of CHUK/IKKA, IKKB, NFKBIA, RELA, IKBKAP and MAP3K14.

### **Reference:**

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