



Anti-IKKBK (Inhibitor of nuclear factor kappa-B kinase subunit beta) Polyclonal Antibody

Category: Polyclonal Antibody

Catalog #: AB2B017

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 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 IKBK; 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, IKBK and CREBBP. Part of a 70-90 kDa complex at least consisting of CHUK/IKKA, IKKBK, NFKBIA, RELA, IKBKAP and MAP3K14.

Reference:

- Mercurio, F., et al, Science 278 (5339), 860-866 (1997)
Woronicz, J.D., et al, Science 278 (5339), 866-869 (1997)
Hu, M.C. and Wang, Y., Gene 222 (1), 31-40 (1998)
Shindo, M., et al, Cytogenet. Cell Genet. 82 (1-2), 32-33 (1998)
Nemoto, S., et al, Mol. Cell. Biol. 18 (12), 7336-7343 (1998)
Cohen, L., et al, Nature 395 (6699), 292-296 (1998)
Sanz, L., et al, EMBO J. 18 (11), 3044-3053 (1999)
Delhase, M., et al, Science 284 (5412), 309-313 (1999)
Jobin, C. and Sartor, R.B., Am. J. Physiol., Cell Physiol. 278 (3), C451-C462 (2000)
Chariot, A., et al, J. Biol. Chem. 277 (40), 37029-37036 (2002)
Wu, R.C., et al, Mol. Cell. Biol. 22 (10), 3549-3561 (2002)
Bruey, J.M., et al, J. Biol. Chem. 279 (50), 51897-51907 (2004)

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