

Anti-IKK-beta Antibody

CATALOG NO.: A2033-100 (100 µl)

BACKGROUND DESCRIPTION: The protein encoded by this gene phosphorylates the inhibitor in the inhibitor/NF-kappa-B complex, causing dissociation of the inhibitor and activation of NF-kappa-B. The encoded protein itself is found in a complex of proteins. Several transcript variants, some protein-coding and some not, have been found for this gene.

ALTERNATE NAMES: IKKB; Inhibitor of nuclear factor kappa-B kinase subunit beta; I-kappa-B-kinase beta; IKK-B; IKK-beta; IKBKB; I-kappa-B kinase 2; IKK2; Nuclear factor NF-kappa-B inhibitor kinase beta; NFKB1KB

ANTIBODY TYPE: Polyclonal

HOST/ISOTYPE: Rabbit / IgG

IMMUNOGEN: KLH-conjugated synthetic peptide targeting a sequence within the center region of human IKK-beta

MOLECULAR WEIGHT: 87 kDa

PURIFICATION: Affinity purified

FORM: Liquid

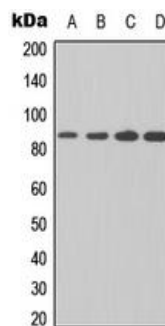
FORMULATION: In 0.42% Potassium phosphate; 0.87% NaCl; pH 7.3; 30% glycerol; and 0.01% sodium azide

SPECIES REACTIVITY: Human, Mouse, Rat, Bovine, Porcine

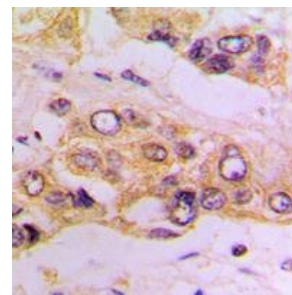
STORAGE CONDITIONS: Store at -20°C. Avoid freeze / thaw cycles

APPLICATIONS AND USAGE: WB 1:500 - 1:1000, IHC 1:100 - 1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user



Western blot analysis of IKK-beta expression in THP1 (A); K562 (B); RAW264.7 (C); PC12 (D) whole cell lysates.



Immunohistochemical analysis of IKK-beta staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0), then incubated with the antibody at RT and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with hematoxylin and mounted with DPX.

RELATED PRODUCTS:

Anti-p53 Antibody (IHC053) (A1547)
 Anti-Caspase-3 Antibody (Clone#AMC0213) (A2015)
 Anti-NF-kB p65 Antibody (Clone#AMC0222) (A2000)
 IKKalpha/IKK-1 Antibody (3185)