
IKK beta Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253339

Unit: 0.1 mg

Description:

Nuclear factor kappa B (NF-kappaB) is a ubiquitous transcription factor and an essential mediator of gene expression during activation of immune and inflammatory responses. NF-kappaB mediates the expression of a great variety of genes in response to extracellular stimuli including IL-1, TNFalpha, and bacteria product LPS. NF-kappaB is associated with I kappaB proteins in the cell cytoplasm, which inhibit NF-kappaB activity. The long-sought I kappaB kinase (IKK), which phosphorylates I kappaB, and mediates I kappaB degradation and NF-kappaB activation, was recently identified by several laboratories. IKK is a serine protein kinase, and the IKK complex contains alpha and beta subunits (IKKalpha and IKKbeta). IKKalpha and IKKbeta interact with each other and both are essential for NF-kappaB activation. IKKbeta phosphorylates both I kappaB-alpha and I kappaB-beta. IKKbeta is expressed in variety of human tissues.

Isotype: Rabbit Ig

Applications: E, WB, ICC

Species Reactivity: H

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: IKK beta (C3); IKK beta; I-kappa-B-kinase beta; I-kappa-B-kinase 2

Accession No.: O14920

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human IKK beta.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; ICC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.