
CIKS Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253409

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. NF-kappaB associates with IkappaB proteins in the cell cytoplasm, which inhibit NF-kappaB activity. IkappaB is phosphorylated by IkappaB kinase (IKK) complex that contains IKKalpha, IKKbeta, and IKKgamma. A novel molecule that associates with and activates IKK was recently identified and designated CIKS (for connection to IKK and SAPK/JNK) and Act1 (for NF-kappaB activator 1). CIKS directly interacts with IKKgamma. CIKS/Act1 also activates activating transcription factor (ATF) and activator protein 1 (AP-1) through Jun kinase (JNK). These results indicate that CIKS/Act1 is involved in the inflammation and stress responses. CIKS/Act1 is ubiquitously expressed in human tissues.

Isotype: Rabbit Ig

Applications: E, WB, IHC

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: CIKS ; CIKS/Act1

Accession No.: AF274303

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

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

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.