
IRAK Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253291

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 LPS. A serine/threonine protein kinase associated with IL-1 receptor (IRAK) and its homologue mouse pelle-like protein kinase (mPLK) were identified recently. IRAK is associated with the IL-1 receptor subunits IL-1RI and IL-1RAcP after IL-1 binding and serves as a signaling molecule to mediate IL-1 response. IRAK mediates a signaling cascade leading to NF-kappaB activation by members in IL-1 family including IL-1 and a novel cytokine IL-18 (also termed IGIF).

Isotype: Rabbit Ig

Applications: E, WB, ICC, IP

Species Reactivity: H, M, R

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

Alternate Names: IRAK ; IL-1-Receptor Associated Kinase

Accession No.: P51617

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

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