QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-IKKγ (NT) Antibody

ORDERING INFORMATION

Catalog No.: 2335

Size: 100 ug IgG in 200 ul PBS, pH 7.4, purified by immunoaffinity chroma-tography.

BACKGROUND

Nuclear factor kappa B (NF-κB) is a ubiquitous transcription factor and key mediator of gene expression during immune and inflammatory responses. NF-κB activates numerous genes in response to extracellular stimuli, such as IL-1, TNFα, and LPS. NF-κB is associated with IκB in cytoplasm, which inhibits NF-κB activity. IκB is phos-phorylated by the IκB kinase (IKK) complex which contains IKKα, IKKβ, and IKKε. A novel molecule in the IKK complex, designated IKKγ, interacts with IKKβ and is required for the activation of IKK complex and NF-κB by LPS, PMA, TNF, and IL-1. IKKγ also binds to RIP and NIK and mediates TNF-induced NF-κB activation.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 400-416 of human IKKγ. This sequence is identical to that of mouse.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human, mouse, and rat IKKγ (52 kD). No cross-reactivity with IKKα, IKKβ or IKKε.

APPLICATIONS

Immunoblotting: use at 1:500-1:1,000 dilution.

Positive control: Whole cell lysate from HeLa cells.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

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