

Product Datasheet

IKK alpha Antibody

Catalog No: CY5735

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC



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Information

UniProt ID: O15111

All Names: CHUK; conserved helix-loop ubiquitous kinase; I-kappa-B kinase 1; I-kappa-B kinase alpha; I-kappa-B kinase-alpha; IkappaB kinase; Ikb kinase alpha subunit; IkbKA; IKK-A; IKK-a kinase; IKK-alpha; IKK1; IKKA;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 85 kDa

Application

WB 1:5000~1:20000

IHC 1:50~1:200

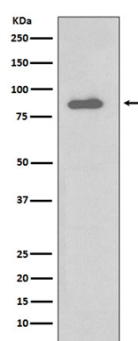
ICC/IF 1:50~1:200

IP 1:50

FC 1:50

Background

Plays an essential role in the NF-kappa-B signaling pathway which is activated by multiple stimuli such as inflammatory cytokines, bacterial or viral products, DNA damages or other cellular stresses. Activation of IKK depends upon phosphorylation at Ser177 and Ser181 in the activation loop of IKK β (Ser176 and Ser180 in IKK α), which causes conformational changes, resulting in kinase activation.



Western blot analysis of IKK alpha expression in Daudi cell lysate.

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