

Anti-IKK alpha/CHUK Antibody

Catalog Number: PA1614

About CHUK

IKBKA (INHIBITOR OF KAPPA LIGHT POLYPEPTIDE GENE ENHANCER IN B CELLS, KINASE OF, ALPHA), also called CHUK, NFKBIKA, IKKA, IKK1, I-KAPPA-B, is a protein kinase that in humans is encoded by the CHUK gene. And it is a member of the protein kinase superfamily. And the protein contains a serine/threonine kinase domain, due to its ubiquitous expression in a broad array of tissues and high degree of conservation across species. By FISH, the IKBKA gene is mapped to chromosome 10q24. Phosphorylation of serine residues on the I-kappa-B proteins by kinases (IKBKA or IKBKB) marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B complex. IKK-alpha is part of the I kappa B kinase complex that plays an important role in regulating the NF-kappa B transcription factor.

Overview

Product Name	Anti-IKK alpha/CHUK Antibody
Reactive Species	Human
Description	Boster Bio Anti-IKK alpha/CHUK Antibody catalog # PA1614. Tested in WB applications. This antibody reacts with Human.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O15111

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human IKK alpha.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

Purification	Immunogen affinity purified.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Western blot, 0.1-0.5ug/ml, Human</p>

Anti-IKK alpha/CHUK Antibody (PA1614) Images



Anti-IKK alpha antibody, PA1614, Western blotting
Lane 1: HELA Cell Lysate
Lane 2: JURKAT Cell Lysate

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