

IKBKE polyclonal antibody

Catalog: BS90692

Host: Rabbit

Reactivity: Human

BackGround:

The transcription factor NF κ B is retained in the cytoplasm in an inactive form by the inhibitory protein I κ B. Activation of NF κ B requires that I κ B be phosphorylated on specific serine residues, which results in targeted degradation of I κ B. I κ B kinase α (IKK α), previously designated CHUK, interacts with I κ B- α and specifically phosphorylates I κ B- α on the sites that trigger its degradation, Serines 32 and 36. The functional IKK complex contains three subunits, IKK α , IKK β and IKK γ (also designated NEMO), and each appear to make essential contributions to I κ B phosphorylation. IKK-i is a serine/threonine kinase that shares homology with IKK α and IKK β . IKK-i is primarily expressed in immune cells and is induced by lipopolysaccharide and by proinflammatory cytokines including TNF α , IL-1 and IL-6. Overexpression of IKK-i has been shown to result in phosphorylation of I κ B α on Ser 32 and Ser 36, and in NF κ B activation, suggesting that IKK-i may act as an I κ B kinase in the immune system.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

80 kDa

Swiss-Prot:

Q14164(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:2,000

IHC/ICC:1:50-1:200

FC:1:50-1:100

Storage&Stability:

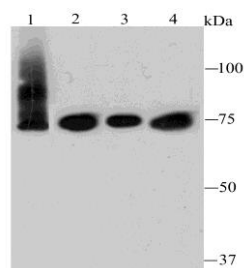
Store at +4 °C after thawing. Aliquot store at -20 °C or

-80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

IKBKE polyclonal antibody detects endogenous levels of IKBKE protein.

DATA:



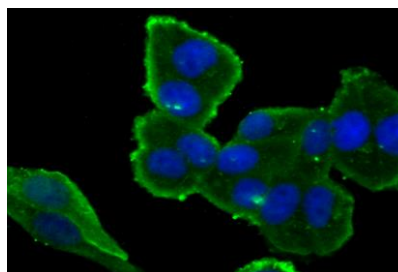
Western blot analysis of IKBKE on different cell lysates using anti-ICKBE antibody at 1/500 dilution. Positive control:

Lane 1: Hela

Lane 2: Raji

Lane 3: MCF-7

Lane 4: Jurkat



ICC staining IKBKE in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151