

IKB α (Phospho-S32) polyclonal antibody

Catalog: BS94018

Host: Rabbit

Reactivity: Human

BackGround:

On the basis of both functional and structural considerations, members of the I κ B family of proteins can be divided into four groups. The first of these groups, I κ B- α , includes the avian protein pp40 and the mammalian MAD-3, both of which inhibit binding of p50-p65 NF κ B complex or Rel protein to their cognate binding sites but do not inhibit the binding of p50 homodimer to κ B sites, suggesting that the I κ B- α family binds to the p65 subunit of p50-p65 heterocomplex through ankyrin repeats. The second member of the I κ B family is represented by a protein designated I κ B- β . The third group of I κ B proteins is represented by I κ B- γ , which is identical in sequence with the C-terminal domain of the p110 precursor of NF κ B p50 and is expressed predominantly in lymphoid cells. An additional I κ B family member, I κ B- ϵ , has several phosphorylated forms and is primarily found complexed with Rel A and/or c-Rel.

Product:

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

Molecular Weight:

36 kDa

Swiss-Prot:

P25963(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000

ICC:1:50-1:200

Storage&Stability:

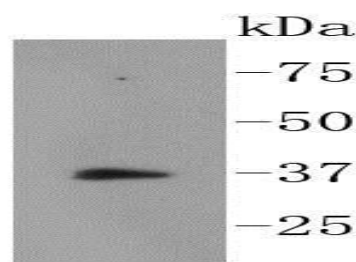
Store at +4 °C after thawing. Aliquot store at -20 °C or

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

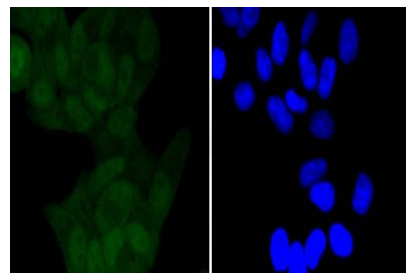
Specificity:

IKB α (Phospho-S32) polyclonal antibody detects endogenous levels of IKB α protein only when phosphorylated at S32.

DATA:



Western blot analysis of Phospho-IKB alpha(S32) on Ags cell lysates using anti-Phospho-IKB alpha(S32) antibody at 1/1,000 dilution.



ICC staining Phospho-IKB alpha(S32) 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