

I κ B- α (S32/S36) polyclonal antibody

Catalog: AP0634

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

The NF- κ B/Rel transcription factors are present in the cytosol in an inactive state complexed with the inhibitory I κ B proteins. Activation occurs via phosphorylation of I κ B α at Ser32 and Ser36 followed by proteasome-mediated degradation that results in the release and nuclear translocation of active NF- κ B. I κ B α phosphorylation and resulting Rel-dependent transcription are activated by a highly diverse group of extracellular signals including inflammatory cytokines, growth factors, and chemokines. Kinases that phosphorylate I κ B at these activating sites have been identified.

Product:

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

Molecular Weight:

~ 36 kDa

Swiss-Prot:

P25963

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IF: 1:50~1:200

Storage&Stability:

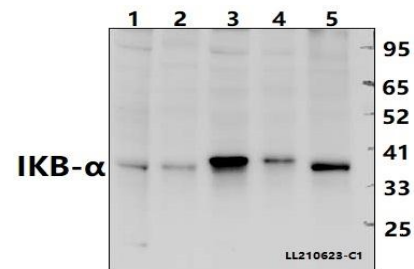
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

I κ B- α (S32/S36) polyclonal antibody detects endogenous

levels of I κ B- α protein.

DATA:



Western blot (WB) analysis of I κ B- α (S32/S36) polyclonal antibody at 1:5000 dilution

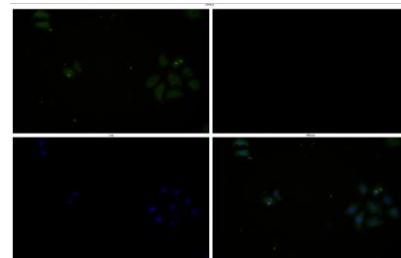
Lane1:CT-26 whole cell lysate(40ug)

Lane2:PC12 whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Lane4:HepG2 whole cell lysate(40ug)

Lane5:Hela whole cell lysate(40ug)



Immunofluorescence analysis of A549 cells using I κ B- α (S32/S36) antibody at dilution of 1:50.

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@biogol.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151