IkB-α/NFKBIA polyclonal antibody

Catalog: BS6227 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Activation of NFκB requires that IκB be phosphorylated on specific serine residues, which results in targeted degradation of IκB. IκB kinase α (IKKα), previously designated CHUK, interacts with IκB-α and specifically phosphorylates IκB-α on the sites that trigger its degradation Serines 32 and 36. IKKα appears to be critical for NFκB activation in response to proinflammatory cytokines. Phosphorylation of IκB by IKKα is stimulated by the NFκB inducing kinase (NIK), which itself is a central regulator for NFκB activation in response to TNF and IL-1.

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 - 1:2000

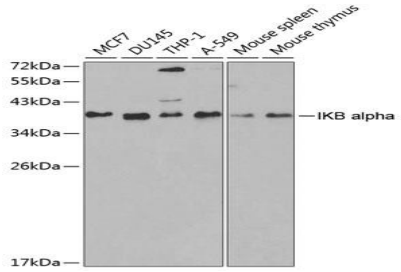
Storage&Stability:

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

Specificity:

NFKBIA polyclonal antibody detects endogenous levels of NFKBIA protein.

DATA:



WesternBlot (WB) analysis of IkB-α polyclonal antibody in extracts from HL60 cells.

Immunofluorescence analysis of Hela cells, using IkB-α polyclonal antibody

Note:

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

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