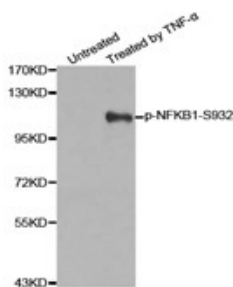


| | |
|--------------------------|---|
| Cat. No: | ABP-0417 |
| Conjugate: | Unconjugated |
| Size: | 100 ug |
| Clone: | Poly |
| Concentration: | 1mg/ml |
| Host: | Rb |
| Isotype: | IgG |
| Immunogen: | A phospho specific peptide corresponding to residues surrounding Ser932 of human NFKB-p50 |
| Reactivity: | Hu, Ms, Rt |
| Applications: | WB: 1:1000 IHC: 1:50 - 1:100 |
| Molecular Weight: | 105 kDa |
| Purification: | Affinity purification |

Background:

This gene encodes a 105 kD protein which can undergo cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of the NF-kappa-B (NFKB) protein complex. NFKB is a transcription regulator that is activated by various intra- and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or viral products. Activated NFKB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFKB has been associated with a number of inflammatory diseases while persistent inhibition of NFKB leads to inappropriate immune cell development or delayed cell growth. Two transcript variants encoding different isoforms have been found for this gene.

| | |
|-----------------|---|
| Form: | liquid |
| Buffer: | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Storage: | Store at -20° C. Avoid freeze / thaw cycles. |



Western blot analysis of extracts from 293 cells untreated or treated with TNF- α using Phospho-NFKB-p50 (Ser932) Ab

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