

Product datasheet for **TA420101**

Phospho-NFkB p100 / p52 (NFkB2) Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB, 1:1000 - 1:5000 IHC-P, 1:50 - 1:200 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | A synthetic phosphorylated peptide around S866&S870 of human NF. |
| Formulation: | Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3. |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 97kDa - Observed MW: 110kDa |
| Gene Name: | nuclear factor kappa B subunit 2 |
| Database Link: | Entrez Gene 4791 Human Q00653 |

Background: This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NFkB). The NFkB complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. The protein encoded by this gene can function as both a transcriptional activator or repressor depending on its dimerization partner. The p100 full-length protein is co-translationally processed into a p52 active form. Chromosomal rearrangements and translocations of this locus have been observed in B cell lymphomas, some of which may result in the formation of fusion proteins. There is a pseudogene for this gene on chromosome 18. Alternative splicing results in multiple transcript variants.



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Synonyms:

CVID10; H2TF1; LYT-10; LYT10; NF-kB2; p49/p100; p52; p100