BT LAB
Bioassay Technology Laboratory
*Optimize Your Research*

# NFκB-p100(Phospho Ser872) Polyclonal Antibody

## Description

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|---|---|
| **Product type** | Primary Antibody |
| **Code** | BT-AP13927 |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Size** | 20ul, 50ul, 100ul |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human NF-kappaB p100 around the phosphorylation site of Ser872. AA range:838-887 |
| **Mol wt** | 96749 |
| **Species reactivity** | Human, Mouse |
| **Clonality** | Polyclonal |
| **Recommended application** | WB, ELISA |
| **Concentration** | 1 mg/ml |
| **Full name** | Nuclear factor NF-kappa-B p100 subunit |
| **Synonyms** | Nuclear factor NF-kappa-B p100 subunit; NFKB2; LYT10; Nuclear factor NF-kappa-B p100 subunit; DNA-binding factor KBF2; H2TF1; Lymphocyte translocation chromosome 10 protein; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 2; Oncogene Lyt-10; Lyt10 |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

## 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.

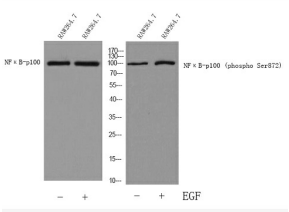
## Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

## Images




Western blot analysis of lysates from RAW264.7 cells treated with EGF 200ng/ml 30', using NF-kappaB p100 (Phospho-Ser872) Antibody. Primary Antibody was diluted at 1:1000 4°C overnight,secondary antibody was diluted at 1:10000, 37°C 1hour.

## Storage

-20°C for 1 year

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