

# Phospho-NF-κB2-S866/S870 Rabbit mAb

Catalog No.: AP1391

Recombinant

1 Publications

## Basic Information

### Observed MW

110kDa

### Calculated MW

97kDa

### Category

Primary antibody

### Applications

WB,IHC-P,ELISA

### Cross-Reactivity

Human, Mouse

### CloneNo number

ARC57764

## Background

This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NFκB). The NFκB 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 Dilutions

<b>WB</b>	1:1000 - 1:5000
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<b>IHC-P</b>	1:50 - 1:200
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<b>ELISA</b>	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.
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## Immunogen Information

### Gene ID

4791

### Swiss Prot

Q00653

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF-κB2; p49/p100; Phospho-NF-κB2-S866/S870

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

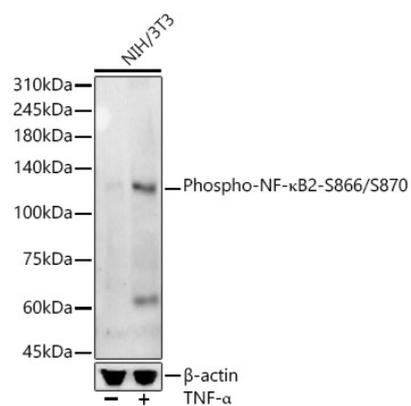
Affinity purification

### Storage

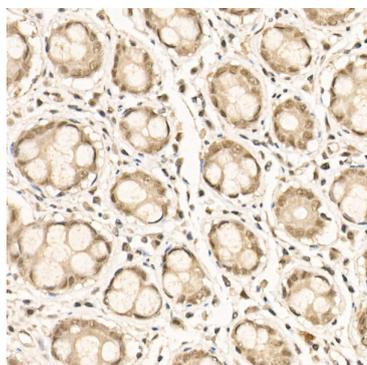
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-NF-κB2-S866/S870 Rabbit mAb (AP1391) at 1:4000 dilution. NIH/3T3 cells were treated with TNF-α (20 ng/ml) at 37°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Phospho-NF-κB2-S866/S870 Rabbit mAb (AP1391) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.