

Phospho-NF-κB2-S866/S870 Rabbit mAb

Catalog No.: AP1391 **Recombinant**

Basic Information

Observed MW

110kDa

Calculated MW

97kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

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

WB	1:1000 - 1:5000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID

4791

Swiss Prot

Q00653

Immunogen

A synthetic phosphorylated peptide around S866&S870 of human NF.

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

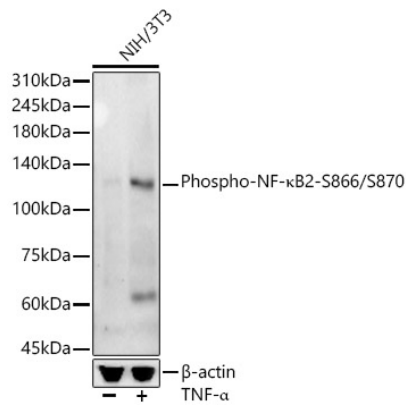
Affinity purification

Storage

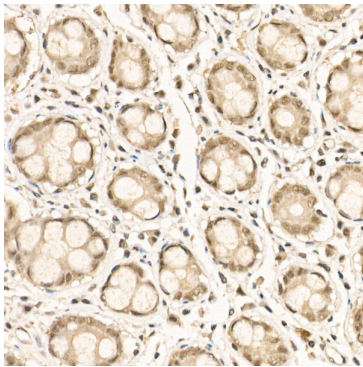
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 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 by 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 Bufferr (pH 6.0) prior to IHC staining.