

Phospho-NF- κ B2-S866 Rabbit mAb

Catalog No.: AP1367 **Recombinant**

Basic Information

Observed MW

140kDa

Calculated MW

97kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse

CloneNo number

ARC56344

Background

This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NF κ B). The NF κ B 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 1:100 - 1:500

Immunogen Information

Gene ID

4791

Swiss Prot

Q00653

Immunogen

A synthetic phosphorylated peptide around S866 of human Phospho-NF- κ B2-S866 (NP_001070962.1).

Synonyms

p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF- κ B2; p49/p100; Phospho-NF- κ B2-S866

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

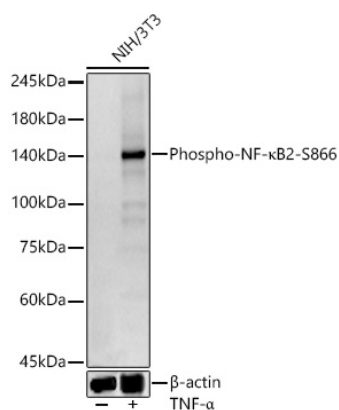
Affinity purification

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 NIH/3T3, using Phospho-NF-κB2-S866 antibody (AP1367) at 1:500 dilution. NIH/3T3 cells were treated by TNF-α (20 ng/ml) at 37°C for 30 minutes.
Secondary antibody: HRP 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: 30s.