

# Phospho-NF- $\kappa$ B2-S866 Rabbit pAb

Catalog No.: AP0418

11 Publications

## Basic Information

### Observed MW

120kDa

### Calculated MW

97kDa

### Category

Primary antibody

### Applications

WB, IHC-P, IF/ICC, ELISA

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NF $\kappa$ B). The NF $\kappa$ 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 1:500 - 1:2000

IHC-P 1:50 - 1:100

IF/ICC 1:50 - 1:100

**ELISA** Recommended starting concentration is 1  $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.

## 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- $\kappa$ B2; p49/p100; Phospho-NF- $\kappa$ B2-S866

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

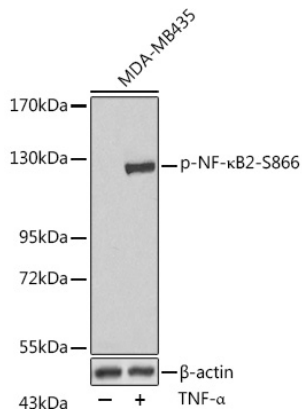
Affinity purification

### Storage

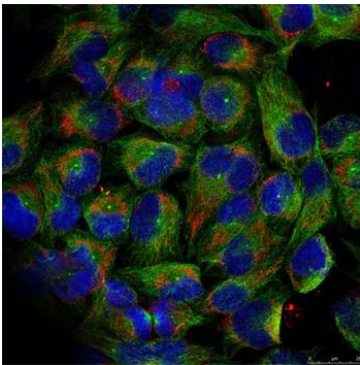
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

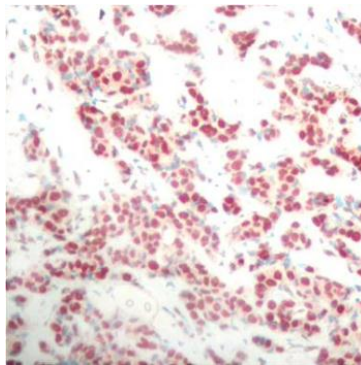
## Validation Data



Western blot analysis of lysates from MDA-MB435 cells, using Phospho-NF-κB2-S866 Rabbit pAb (AP0418) at dilution. MDA-MB435 cells were treated with TNF-α.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25μg per lane.  
Blocking buffer: 3% BSA.



Immunofluorescence analysis of methanol-fixed HeLa cells using Phospho-NF-κB2-S866 Rabbit pAb (AP0418).



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma using Phospho-NF-κB2-S866 Rabbit pAb (AP0418). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.