

# Phospho-NF- $\kappa$ B2-S870 Rabbit pAb

**Catalog No.: AP0419**

## Basic Information

**Observed MW**

120kDa

**Calculated MW**

97kDa

**Category**

Primary antibody

**Applications**

WB

**Cross-Reactivity**

Human

## 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

## Immunogen Information

**Gene ID**

4791

**Swiss Prot**

Q00653

**Immunogen**A phospho specific peptide corresponding to residues surrounding S870 of human NF- $\kappa$ B2**Synonyms**p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF- $\kappa$ B2; p49/p100; Phospho-NF- $\kappa$ B2-S870

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

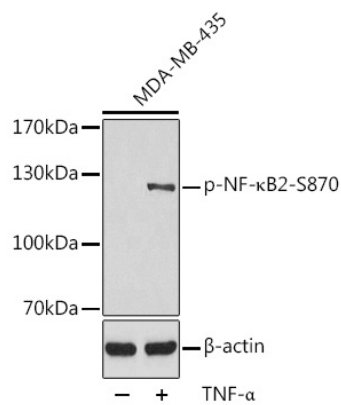
Affinity purification

**Storage**

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

# Validation Data



Western blot analysis of lysates from MDA-MB-435 cells, using Phospho-NF-κB2-S870 Rabbit pAb (AP0419).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% BSA.