

## Phospho-NF kappaB p100/p52 (Ser872) Ab

[References\(1\)](#) [Images\(2\)](#)

Cat.#: AF3375

Concn.: ~1mg/ml

Mol.Wt.: 100kDa

Size:

Source: Rabbit

Clonality: Polyclonal

Application:

WB 1:500-1:2000, IF/ICC 1:100-1:500

\*The optimal dilutions should be determined by the end user.

Reactivity:

Human,Mouse

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Immunogen:

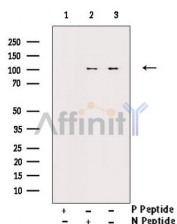
A synthesized peptide derived from human NF- $\kappa$ B p100 around the phosphorylation site of Ser872.

Uniprot:

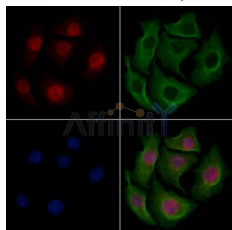
Q00653

Description:

NF $\kappa$ B-p100 a transcription factor of the nuclear factor-kappaB ( NF $\kappa$ B) group. Precursor of the p52 subunit of the nuclear factor NF-kappa-B, which binds to the kappa-B consensus sequence 5'-GGRNYYCC-3', located in the enhancer region of genes involved in immune response and acute phase reactions.



Western blot analysis of Phospho-NF $\kappa$ B p100 (Ser872) Ab expression in EGF treated RAW264.7 cells lysates. The lane on the right was treated with the antigen-specific peptide.



AF3375 staining HeLa cells(4h of LPS treatment) by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF3375 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab.

The nuclear counter stain is DAPI(blue).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab

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in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,  
overnight.

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