

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

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

Cat.#: AF3375  
 Size:

Concn.: ~1mg/ml  
 Source: Rabbit

Mol.Wt.: 100kDa  
 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

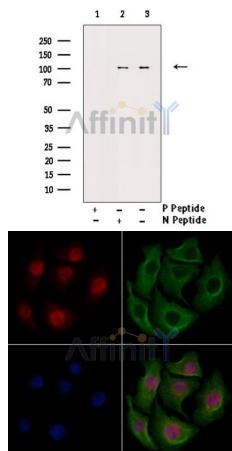
Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

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-?B p100 around the phosphorylation site of Ser872.

Uniprot: Q00653

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



Western blot analysis of Phospho-NFB 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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