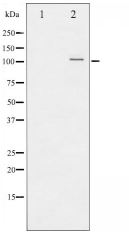
Phospho-NF-κB p100 (Ser872) Ab

Cat.#: AF3375	Concn.: 1mg/ml	Mol.Wt.: 100kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500
Reactivity:	Human,Mouse
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-NF-κB p100 (Ser872) Ab detects endogenous levels of NF-κB p100 only when phosphorylated at Serine 872
Immunogen:	A synthesized peptide derived from human NF-κB p100 around the phosphorylation site of Serine 872
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.
Subcellular Location:	Cytoplasmic and Nuclear
Similarity:	The C-terminus of p100 might be involved in cytoplasmic retention, inhibition of DNA-binding by p52 homodimers, and/or transcription activation.The glycine-rich region (GRR) appears to be a critical element in the generation of p52.
Storage Condition and Buffer:	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



Western blot analysis of NF-κB p100 phosphorylation expression in EGF treated RAW264.7 whole cell lysates,The lane on the left is treated with the antigen-specific peptide.

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

AF3375 staining RAW264.7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.