



## NFκB P100/P52 (Ab-866) Antibody

#21015

**Catalog Number:** 21015-1, 21015-2

**Amount:** 50µg/50µl, 100µg/100µl

**Swiss-Prot No. :** Q00653

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage/Stability:** Store at -20°C/1 year

**Immunogen:** The antiserum was produced against synthesized non-phosphopeptide derived from human NF-κB p100/p52 around the phosphorylation site of serine 866 (E-D-S<sub>P</sub>-A-Y).

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

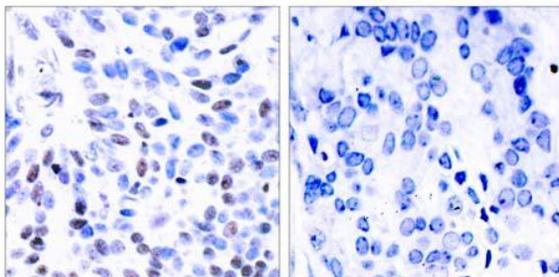
**Specificity/Sensitivity:** NF-κB p100/p52 (Ab-866) antibody detects endogenous levels of total NF-κB p100/p52 protein

**Reactivity:** Human, Mouse, Rat

### Applications:

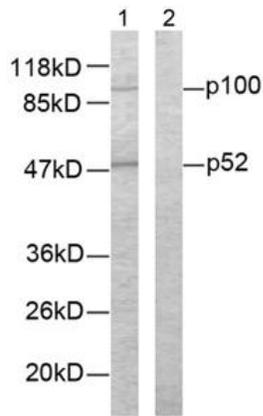
Predicted MW: 100kd

IHC: 1:50~1:100 WB: 1:500~1:1000 IF: 1:100~1:200



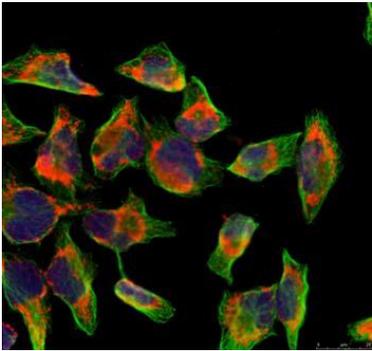
Peptide - +

Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue, using NF- $\kappa$ B p100/p52 (Ab-866) antibody (#21015).



Peptide - +

Western blot analysis of extracts from ovary cancer cells using NF- $\kappa$ B p100/p52 (Ab-866) antibody (#21015).



Immunofluorescence staining of methanol-fixed HeLa cells using NF- $\kappa$ B p100/p52 (Ab-866) antibody (#21015, Red).

### Background :

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'-GGRNNYYCC-3', located in the enhancer region of genes involved in immune response and acute phase reactions.

### References:

- Qu Z, et al. (2004) J Biol Chem. 279(43): 44563-44572.
- Xiao G, et al. (2001) Mol Cell. 7(2): 401-409.
- Baeuerle P A, et al. (1994) Annu Rev Immunol. 12:141-179.
- Baeuerle P A, et al. (1996) Cell 87:13-20.
- Haskill S, et al. (1991) Cell 65:1281-1289.

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