



## NF-κB p65 (Phospho-Ser281) Antibody

E11-8049A

**Catalog Number:** E11-8049A**Concentration:** 1mg/ml**Swiss-Prot No.:** Q04206**Other Names:** NFKB3; nuclear factor NF-kappa-B p65 subunit; p65; RELA; TF65; transcription factor p65**All Sites:** Human: Ser281; Mouse: Ser281; Rat: Ser281**Storage/Stability:** Store at -20 °C/1 year**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.**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human NF-κB p65 around the phosphorylation site of serine 281 (E-L-S<sup>P</sup>-E-P).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

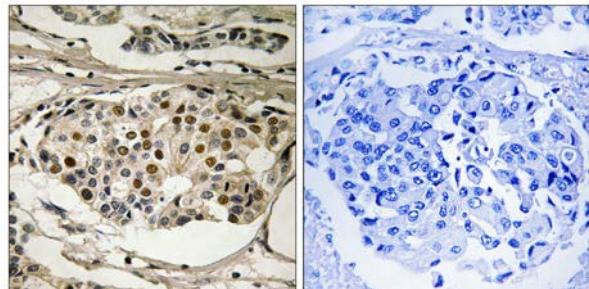
**Specificity:** NF-κB p65 (Phospho-Ser281) antibody detects endogenous levels of NF-κB p65 only when phosphorylated at serine 281.

**Reactivity:** Human (Identities = 100%, Positives = 100%);  
Mouse (Identities = 100%, Positives = 100%);  
Rat (Identities = 100%, Positives = 100%)

**Applications:** IHC: 1:50~1:100      ELISA: 1:1000

**References:**

Ruben S.M., Science 251:1490-1493(1991).  
Deloukas P., Hum. Mol. Genet. 2:1895-1900(1993).  
Lyle R., Gene 138:265-266(1994).



P-peptide      +  
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using NF-κB p65 (Phospho-Ser281) antibody.

**For Research Use Only**