

Product Data Sheet: Phospho NFKB-p65 (Ser311) Rabbit Polyclonal Antibody

Cat. No: ABP11226
Conjugate: Unconjugated

Size: 100 ug

Clone: POLY

Concentration: 1mg/ml

Host: Rabbit

Isotype: IgG

Immunogen:

The antiserum was produced against synthesized peptide derived from human

NF-kappaB p65 around the phosphorylation site of Ser311. AA range:278-327

Reactivity: Human; Mouse

Western Blot: 1/500 - 1/2000

Applications: Immunohistochemistry: 1/100 – 1/300

Immunofluorescence: 1/200 - 1/1000

Molecular Weight: 65kD

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Synonyms: RELA; NFKB3; Transcription factor p65; Nuclear factor NF-kappa-B p65 subunit;

Nuclear factor of kappa light polypeptide gene enhancer in B-cells 3

NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates

Background: transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2

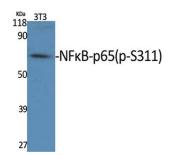
bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants

encoding different isoforms have been found for this gene.

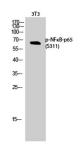
Form: Liquid

Buffer: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

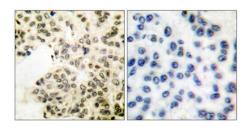
Storage: Store at -20°C. Avoid repeated freeze-thaw cycles.



Western Blot analysis of various cells using Phospho-NFκB-p65 (S311) Polyclonal Antibody



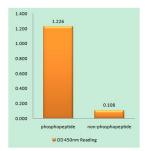
Western Blot analysis of 3T3 cells using Phospho-NFκΒ-p65 (S311) Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using NF-kappaB p65 (Phospho-Ser311) Antibody. The picture on the right is blocked with the phospho peptide.



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Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using NF-kappaB p65 (Phospho-Ser311) Antibody

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