

## NF-kappaB p65 Antibody | anti-RELA antibody

NF-kappaB p65 (Phospho-Ser311) Antibody

|                               |                                        |                                                                  |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA111586</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|

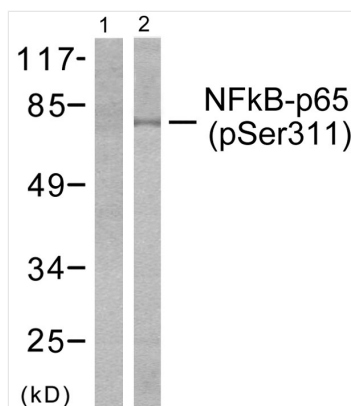
### PRODUCT SYNONYMS

NF-kappaB p65; NF-kappaB p65 (Phospho-Ser311) Antibody; NFKB3; Nuclear factor NF-kappa-B p65 subunit; RELA; TF65; Transcription factor p65; p65; anti-RELA antibody

### PRODUCT SPECIFICATIONS

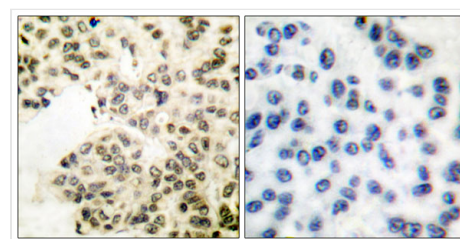
|                                                |                                                                                                                                                                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                    | NF-kappaB p65 (phospho-Ser311) antibody detects endogenous levels of NF-kappaB p65 only when phosphorylated at serine 311.                                                                                                                          |
| Purity/Purification                            | 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. |
| Form/Format                                    | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                      |
| Sequence Length                                | 548                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-RELA antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                |
| Immunogen                                      | The antiserum was produced against synthesized phosphopeptide derived from human NF-kappaB p65 around the phosphorylation site of serine 311 (F-K-SP-I-M).                                                                                          |
| All Sites                                      | Human: Ser311<br>Mouse: Ser311<br>Rat: Ser311                                                                                                                                                                                                       |
| Preparation and Storage                        | Store at -20 degree C for 1 year                                                                                                                                                                                                                    |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts from 293 cells treated with TNF-alpha (20ng/ml, 30mins), using NF-kappaB p65 (phospho-Ser311) antibody (Line 1 and 2).



#### IHC (Immunohistochemistry)

P-peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NF-kappaB p65 (phospho-Ser311) antibody.

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                        |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-RELA antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells                      |
| References                                       | Moon Kyoo Jang, J. Biol. Chem., Jun 2001; 276: 20005-20010. Lluís Espinosa, Mol. Biol. Cell, Feb 2003; 14: 491. Srinivas J. Kammanadiminti, Infect. Immun., Apr 2007; 75: 1765-1770. D. Gregory, J. Virol., Dec 2004; 78: 13582-13590. |

NCBI AND UNIPROT INFORMATION

|                                  |                                    |
|----------------------------------|------------------------------------|
| NCBI GI #                        | 223468681                          |
| NCBI GeneID                      | 5970                               |
| NCBI Accession #                 | NP_001138610.1                     |
| NCBI GenBank Nucleotide #        | NM_001145138.1                     |
| UniProt Accession #              | Q04206; Q6GTV1; Q6SLK1             |
| Molecular Weight                 | 59,910 Da                          |
| NCBI Official Full Name          | transcription factor p65 isoform 2 |
| NCBI Official Synonym Full Names | RELA proto-oncogene, NF-kB subunit |
| NCBI Official Symbol             | RELA                               |
| NCBI Official Synonym Symbols    | p65; NFKB3                         |
| NCBI Protein Information         | transcription factor p65           |
| UniProt Protein Name             | Transcription factor p65           |
| UniProt Gene Name                | RELA                               |
| UniProt Synonym Gene Names       | NFKB3                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/nf-kappab-p65/111586>