

## Rabbit anti-Human, Mouse NF-kappaB p65 Polyclonal Antibody | anti-RELA antibody

NF-kappaB p65 (Phospho-Ser311) Antibody

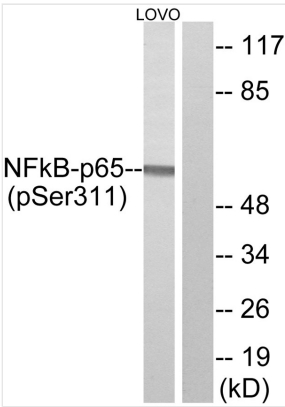
| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA316541 | Rabbit | Human, Mouse | ELISA, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

NF-kappaB p65; Polyclonal Antibody; NF-kappaB p65 (Phospho-Ser311) Antibody; NFKB3; nuclear factor NF-kappa-B p65 subunit; p65; RELA; TF65; transcription factor p65; anti-RELA antibody

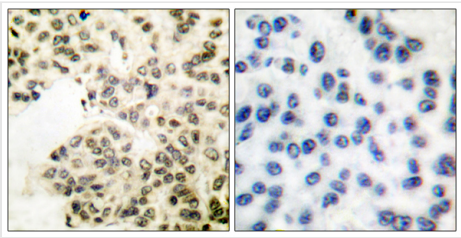
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                  |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse                                                                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                                                                       |
| Specificity                                    | NF-kappaB p65 (Phospho-Ser311) Antibody detects endogenous levels of NF-kappaB p65 only when phosphorylated at Ser311.                                                                           |
| Purity/Purification                            | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                    | 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.                                               |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                                | 548                                                                                                                                                                                              |
| Applicable Applications for anti-RELA antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                             |
| Target Modification                            | Phospho                                                                                                                                                                                          |
| Modification Sites                             | H:S311; M:S311                                                                                                                                                                                   |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from human NF-kappaB p65 around the phosphorylation site of Ser311.                                                               |
| Immunogen Range                                | 278-327                                                                                                                                                                                          |
| Preparation and Storage                        | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |



WB (Western Blot)

Western blot analysis of lysates from LOVO cells treated, using NF-kappaB p65 (Phospho-Ser311) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

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.

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                 | 60 kDa                             |
| 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.