

## NFkappaB-p65 Antibody | anti-RELA antibody

NFkappaB-p65 (Phospho-Thr435) Antibody

|                               |                                        |                                                                               |
|-------------------------------|----------------------------------------|-------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA111146</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|-------------------------------------------------------------------------------|

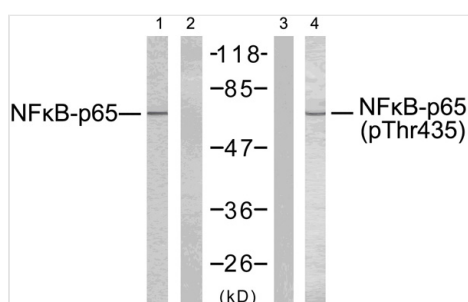
### PRODUCT SYNONYMS

NFkappaB-p65; NFkappaB-p65 (Phospho-Thr435) Antibody; anti-RELA antibody

### PRODUCT SPECIFICATIONS

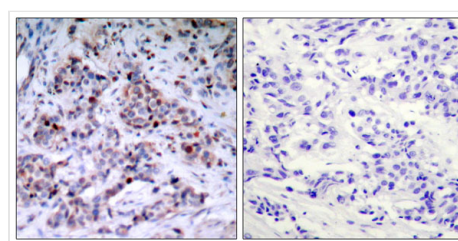
|                                                |                                                                                                                                                                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                    | NF-kappaB p65 (phospho-Thr435) antibody detects endogenous levels of NF-kappaB p65 only when phosphorylated at threonine 435.                                                                                                                       |
| 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 | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                              |
| Immunogen                                      | The antiserum was produced against synthesized phosphopeptide derived from human NF-kappaB around the phosphorylation site of threonine 435 (E-G-TP-L-S).                                                                                           |
| Preparation and Storage                        | Store at -20 degree C for 1 year                                                                                                                                                                                                                    |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts from COS7 cells using NF-kappaB p65 (Ab-435) antibody and NF-kappaB p65 (phospho-Thr435) antibody.



#### IHC (Immunohistochemistry)

P-Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NF-kappaB p65 (phospho-Thr435) 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                                       | Yeh PY, et al. (2004) J Biol Chem.                                                                                                                                                                                |

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://www.aaabiotech.com/human-mouse-rat-antibody/nfkappab-p65/111146>