

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

RELA Rabbit pAb

|                               |                       |                                   |                                                                |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------------------|
| CATALOG #<br><b>AAA282416</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunocytochemistry, Immunofluorescence</b> |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------------------|

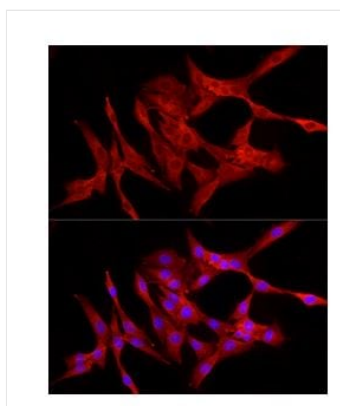
### PRODUCT SYNONYMS

RELA; Polyclonal Antibody; RELA Rabbit pAb; p65; p65 NFkB; p65 NF-kappa B; anti-RELA antibody

### PRODUCT SPECIFICATIONS

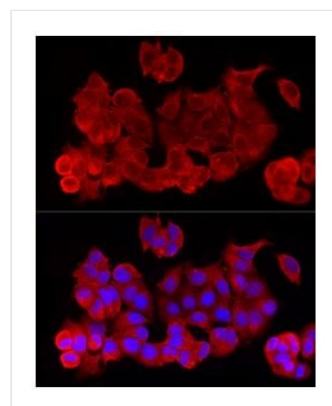
|                                                |                                                                    |
|------------------------------------------------|--------------------------------------------------------------------|
| Host                                           | Rabbit                                                             |
| Reactivity                                     | Human, Mouse                                                       |
| Clonality                                      | Polyclonal                                                         |
| Isotype                                        | IgG                                                                |
| Purity/Purification                            | Affinity purification                                              |
| Form/Format                                    | Liquid<br>PBS with 0.05% proclin300, 50% glycerol, pH7.3.          |
| Applicable Applications for anti-RELA antibody | ICC (Immunocytochemistry), IF (Immunofluorescence)                 |
| Positive Samples                               | HeLa, Mouse liver                                                  |
| Cellular Location                              | cytoplasm, cytosol, glutamatergic synapse, nucleus                 |
| Immunogen                                      | Recombinant protein of mouse RELA.                                 |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.<br>Ship: Ice Pack |

### IMAGES



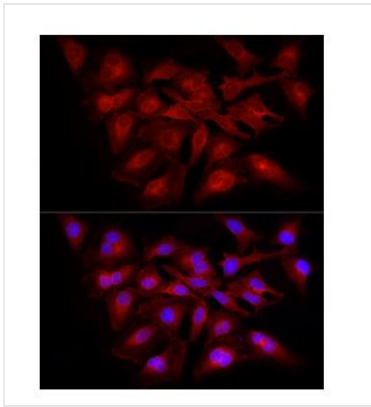
#### IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using RELA Rabbit pAb (AAA282416) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



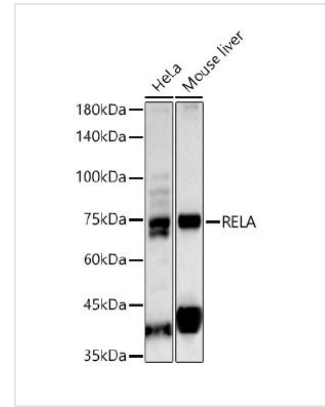
#### IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cells using RELA Rabbit pAb (AAA282416) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



#### IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using RELA Rabbit pAb (AAA282416) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



#### WB (Western Blot)

Western blot analysis of various lysates, using RELA Rabbit pAb (AAA282416) at 1:700 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-RELA antibody</b> | Enables several functions, including DNA-binding transcription factor activity, RNA polymerase II-specific; actinin binding activity; and ankyrin repeat binding activity. Involved in several processes, including negative regulation of protein sumoylation; postsynapse to nucleus signaling pathway; and regulation of transcription, DNA-templated. Acts upstream of or within several processes, including cellular response to hepatocyte growth factor stimulus; cellular response to lipopolysaccharide; and positive regulation of interleukin-12 production. Located in several cellular components, including chromatin; cytosol; and glutamatergic synapse. Is expressed in several structures, including alimentary system; early conceptus; genitourinary system; musculature; and skin. Human ortholog(s) of this gene implicated in ductal carcinoma in situ; lung non-small cell carcinoma; lymphoma; and renal cell carcinoma. Orthologous to human RELA (RELA proto-oncogene, NF-kB subunit). |
| <b>Product Categories/Family for anti-RELA antibody</b>   | <a href="#">Polyclonal Antibodies</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                              |
|-----------------------------------------|--------------------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">6677709</a>                                      |
| <b>NCBI GeneID</b>                      | <a href="#">19697</a>                                        |
| <b>NCBI Accession #</b>                 | <a href="#">NP_033071.1</a>                                  |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_009045.4</a>                                  |
| <b>UniProt Accession #</b>              | <a href="#">Q04207</a> ; <a href="#">Q62025</a>              |
| <b>Molecular Weight</b>                 | 59,061 Da                                                    |
| <b>NCBI Official Full Name</b>          | transcription factor p65                                     |
| <b>NCBI Official Synonym Full Names</b> | v-rel reticuloendotheliosis viral oncogene homolog A (avian) |
| <b>NCBI Official Symbol</b>             | Rela                                                         |
| <b>NCBI Official Synonym Symbols</b>    | p65                                                          |
| <b>NCBI Protein Information</b>         | transcription factor p65                                     |
| <b>UniProt Protein Name</b>             | Transcription factor p65                                     |
| <b>UniProt Gene Name</b>                | <b>Rela</b>                                                  |
| <b>UniProt Synonym Gene Names</b>       | Nfkb3                                                        |
| <b>UniProt Entry Name</b>               | TF65_MOUSE                                                   |

**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/polyclonal/rela-antibody-immunocytochemistry-immunofluorescence-elisa/282416>