

## NF-kappaB p105/p50 Antibody | anti-NFKB1 antibody

NF-kappaB p105/p50 (phospho-Ser927) Antibody

|                               |                                        |                                                                                      |
|-------------------------------|----------------------------------------|--------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA267326</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunofluorescence, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|--------------------------------------------------------------------------------------|

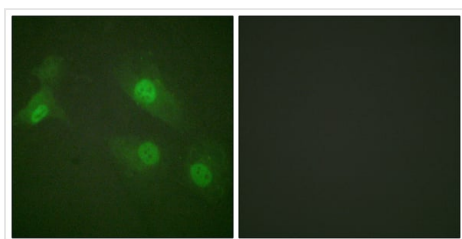
### PRODUCT SYNONYMS

NF-kappaB p105/p50; NF-kappaB p105/p50 (phospho-Ser927) Antibody; DNA-binding factor KBF1; EBP-1; NF-kappa-B1 p84/NF-kappa-B1 p98; NFKB1; NFkB-p50; Nuclear factor NF-kappa-B p105 subunit; nuclear factor NF-kappa-B p50 subunit; anti-NFKB1 antibody

### PRODUCT SPECIFICATIONS

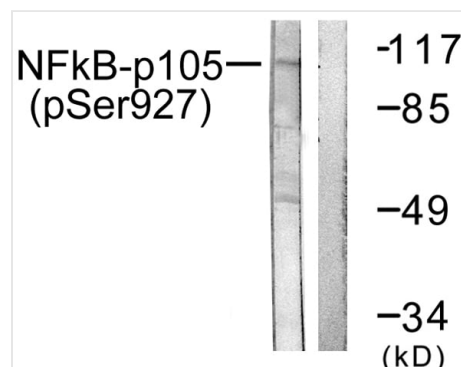
|                                                 |                                                                                                                                                                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                     | NF-kappaB p105/p50 (phospho-Ser927) antibody detects endogenous levels of NF-kappaB p105/p50 only when phosphorylated at serine 927.                                                                                                                |
| 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 $Mg^{2+}$ and $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                           |
| Sequence Length                                 | 968                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-NFKB1 antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                       |
| Immunogen                                       | The antiserum was produced against synthesized phosphopeptide derived from human NF- $\kappa$ B p105/p50 around the phosphorylation site of serine 927 (C-D-S <sup>P</sup> -G-V).                                                                   |
| All Sites                                       | Human: Ser927<br>Mouse: Ser930                                                                                                                                                                                                                      |
| Preparation and Storage                         | Store at -20 degree C for 1 year.                                                                                                                                                                                                                   |

### IMAGES



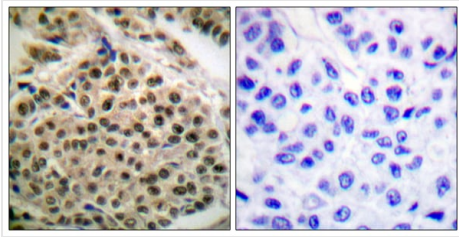
#### IF (Immunofluorescence)

EGF +- Immunofluorescence analysis of HeLa cells, treated with EGF (200nM, 5mins), using NF-kappaB p105/p50 (phospho-Ser927) antibody.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NF-kappaB p105/p50 (phospho-Ser927) antibody. Western blot analysis of extracts from HeLa cells treated with LPS (100ng/ml, 30min), using NF-kappaB p105/p50 (phospho-Ser927) antibody.



Application Data  
P-peptide+

### ADDITIONAL INFORMATION

|            |                                                                                                                                                                                                 |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Theresa Joseph, Am J Physiol Lung Cell Mol Physiol, Mar 2005; 288: L471-L479. Sabine Kirchhoff, Eur. J. Biochem., Apr 1999; 261: 546. Gerald Thiel, Eur. J. Biochem., Jul 2004; 271: 2855-2862. |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| NCBI GI #                        | 259155302                                                                                    |
| NCBI GeneID                      | 4790                                                                                         |
| NCBI Accession #                 | NP_001158884.1                                                                               |
| NCBI GenBank Nucleotide #        | NM_001165412.1                                                                               |
| UniProt Accession #              | P19838; Q68D84; Q86V43; Q8N4X7; Q9NZC0; A8K5Y5; B3KVE8                                       |
| NCBI Official Full Name          | nuclear factor NF-kappa-B p105 subunit isoform 2 proprotein                                  |
| NCBI Official Synonym Full Names | nuclear factor kappa B subunit 1                                                             |
| NCBI Official Symbol             | NFKB1                                                                                        |
| NCBI Official Synonym Symbols    | p50; KBF1; p105; EBP-1; CVID12; NF-kB1; NFKB-p50; NFkappaB; NF-kappaB; NFKB-p105; NF-kappa-B |
| NCBI Protein Information         | nuclear factor NF-kappa-B p105 subunit                                                       |
| UniProt Protein Name             | Nuclear factor NF-kappa-B p105 subunit                                                       |
| UniProt Gene Name                | NFKB1                                                                                        |

**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/nf-kappab-p105-p50/267326>