

# Rabbit Nuclear factor NF-kappa-B p100 subunit Polyclonal Antibody | anti-NFKB2 antibody

Anti-NFkB p100/p52 Antibody

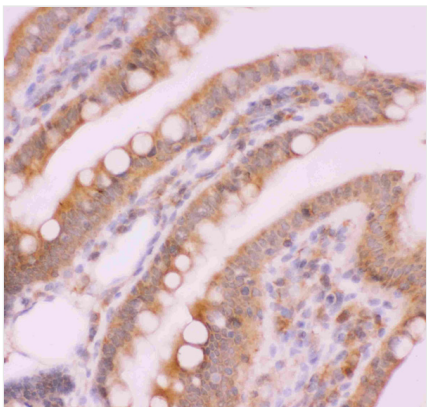
| CATALOG # | HOST   | REACTIVITY                                                  | APPLICATIONS                       |
|-----------|--------|-------------------------------------------------------------|------------------------------------|
| AAA11631  | Rabbit | Human, Mouse, Rat. No cross reactivity with other proteins. | Western Blot, Immunohistochemistry |

## PRODUCT SYNONYMS

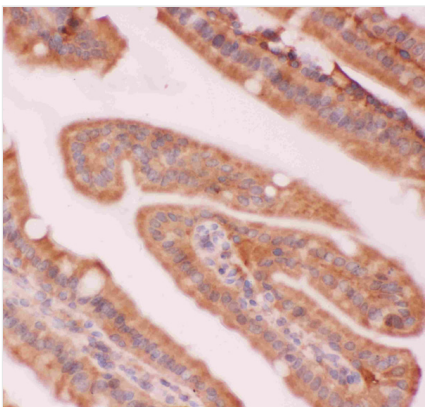
Nuclear factor NF-kappa-B p100 subunit; Polyclonal Antibody; Anti-NFkB p100/p52 Antibody; DNA binding factor KBF2 antibody; DNA-binding factor KBF2 antibody; H2TF1 antibody; Lymphocyte translocation chromosome 10 antibody; Lymphocyte translocation chromosome 10 protein antibody; Lyt 10 antibody; Lyt10 antibody; NF kB2 antibody; NFKB2 antibody; NFKB2\_HUMAN antibody; Nuclear factor NF kappa B p100 subunit antibody; Nuclear factor NF kappa B p52 subunit antibody; Nuclear factor NF-kappa-B p52 subunit antibody; Nuclear factor of kappa light chain gene enhancer in B cells 2 antibody; Nuclear factor of kappa light polypeptide gene enhancer in B cells 2 antibody; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 antibody; Oncogene Lyt 10 antibody; Oncogene Lyt-10 antibody; p105 antibody; p49/p100 antibody; nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100); anti-NFKB2 antibody

## PRODUCT SPECIFICATIONS

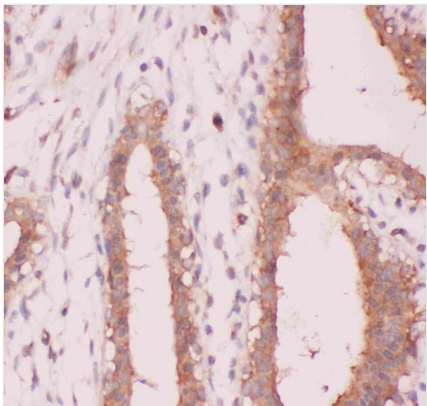
|                                                 |                                                                                                                                                                                                      |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                               |
| Reactivity                                      | Human, Mouse, Rat. No cross reactivity with other proteins.                                                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                                                                                                           |
| Isotype                                         | IgG                                                                                                                                                                                                  |
| Purity/Purification                             | Immunogen affinity purified.                                                                                                                                                                         |
| Form/Format                                     | Lyophilized<br>Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.                                                                                                                   |
| Sequence Length                                 | 900                                                                                                                                                                                                  |
| Applicable Applications for anti-NFKB2 antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                                                                        |
| Application Notes                               | <b>Western Blot:</b> Concentration: 0.1-0.5µg/ml; Tested Species: Human<br><b>Immunohistochemistry (Paraffin-embedded Section):</b> Concentration: 0.5-1µg/ml; Tested Species: Human, Mouse, Rat     |
| Reconstitution                                  | Add 0.2ml of distilled water will yield a concentration of 500µg/ml.                                                                                                                                 |
| Immunogen                                       | E.coli-derived human NFkB p100/p52 recombinant protein (Position: M1-R340). Human NFkB p100/p52 shares 96% amino acid (aa) sequence identity with mouse NFkB p100/p52.                               |
| Preparation and Storage                         | At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing. |



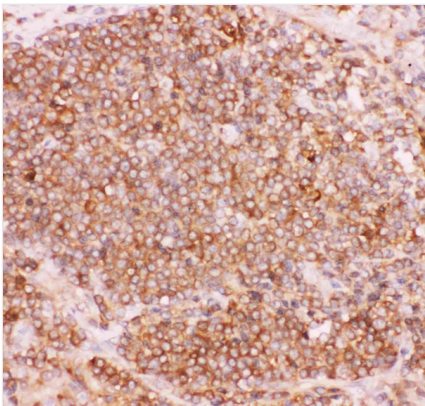
IHC (Immunohistochemistry)  
Anti-NFkB p100 Picoband antibody, AAA11631-6.JPGIHC(P): Rat Intestine Tissue



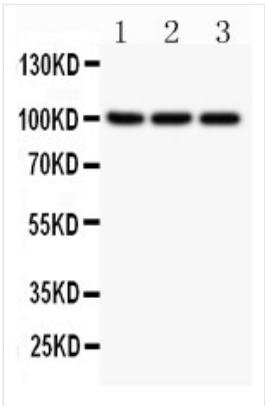
IHC (Immunohistochemistry)  
Anti-NFkB p100 Picoband antibody, AAA11631-5.JPGIHC(P): Mouse Intestine Tissue



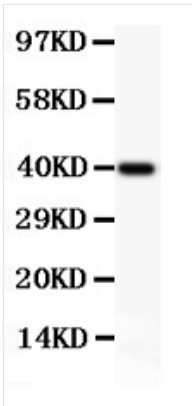
IHC (Immunohistochemistry)  
Anti-NFkB p100 Picoband antibody, AAA11631-4.JPGIHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)  
Anti-NFkB p100 Picoband antibody, AAA11631-3.JPGIHC(P): Human Lung Cancer Tissue



Application Data  
Anti-NFkB p100 Picoband antibody, AAA11631-2.jpgAll lanes: Anti NFKBP100 (AAA11631) at 0.5ug/mlLane 1: JURKAT Whole Cell Lysate at 40ugLane 2: A549 Whole Cell Lysate at 40ugLane 3: MCF-7 Whole Cell Lysate at 40ugPredicted bind size: 100KDObserved bind size: 100KD



Application Data  
Anti-NFkB p100 Picoband antibody, AAA11631-1.jpgAll lanes: Anti NFKBP100 (AAA11631) at 0.5ug/mlWB: Recombinant Human NFKBP100 Protein 0.5ngPredicted bind size: 40KDObserved bind size: 40KD

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NFKB2 antibody | <p><b>Description:</b> Rabbit IgG polyclonal antibody for Nuclear factor NF-kappa-B p100 subunit(NFKB2) detection. Tested with WB, IHC-P in Human;Mouse;Rat.</p> <p><b>Background:</b> NFKB2, also known as nuclear factor NF-kappa-B p100 subunit, is a protein that in humans is encoded by the NFKB2 gene. It is mapped to 10q24.32. This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NFKB). NFKB is activated by a wide variety of stimuli such as cytokines, oxidant-free radicals, inhaled particles, ultraviolet irradiation, and bacterial or viral products. The NFkB complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. The protein encoded by this gene can function as both a transcriptional activator or repressor depending on its dimerization partner.</p> |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 117320531                                                                                                                                                                                                                                                                                                                      |
| NCBI GeneID                      | 4791                                                                                                                                                                                                                                                                                                                           |
| NCBI Accession #                 | NP_001070962.1                                                                                                                                                                                                                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001077494.3                                                                                                                                                                                                                                                                                                                 |
| UniProt Accession #              | Q00653; Q04860; Q9BU75; Q9H471; Q9H472; A8K9D9; D3DR83; AAB23437                                                                                                                                                                                                                                                               |
| Molecular Weight                 | 96,678 Da                                                                                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | nuclear factor NF-kappa-B p100 subunit isoform a                                                                                                                                                                                                                                                                               |
| NCBI Official Synonym Full Names | nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)                                                                                                                                                                                                                                                |
| NCBI Official Symbol             | NFKB2                                                                                                                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF-kB2                                                                                                                                                                                                                                                                                |
| NCBI Protein Information         | nuclear factor NF-kappa-B p100 subunit; oncogene Lyt-10; NFKB, p52/p100 subunit; DNA-binding factor KBF2; transcription factor NFKB2; nuclear factor Kappa-B, subunit 2; nuclear factor NF-kappa-B p52 subunit; lymphocyte translocation chromosome 10 protein; nuclear factor of Kappa light chain gene enhancer in B cells 2 |
| UniProt Protein Name             | Nuclear factor NF-kappa-B p100 subunit                                                                                                                                                                                                                                                                                         |
| UniProt Gene Name                | NFKB2                                                                                                                                                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | LYT10; Lyt10                                                                                                                                                                                                                                                                                                                   |
| UniProt Entry Name               | NFKB2_HUMAN                                                                                                                                                                                                                                                                                                                    |

**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/nuclear-factor-nf-kappa-b-p100-subunit-antibody-western-blot-immunohistochemistry-elisa/11631>