



Rabbit anti NF- κ B p100/p52 Polyclonal Antibody

Alternative Name(s): nuclear factor kappa B subunit p52/p100; NF κ B

Order Information

- **Description:** NF- κ B p100/p52
- **Catalogue:** 500-11454
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC, WB
- **Reactivity:** Hu, Ms

ANTIGEN PREPARATION

A synthetic peptide derived from C-terminus of NF κ Bp100/p52.

BACKGROUND

NF- κ B, nuclear factor kappa-light-chain-enhancer of activated B cells is a protein complex that controls cytokine production, transcription of DNA, and cell survival. The protein can function both as a transcriptional activator or repressor depending on its dimerization partner. NF- κ B plays a key role in regulating the immune response to infection. NF- κ B is a major transcription factor that regulates genes responsible for both the innate and adaptive immune response. This protein is a subunit of the transcription factor complex nuclear factor-kappa-B. The p100 full-length protein is co-translationally processed into a p52 active form.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody reacts with human and mice NF- κ B p100/p52. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20°C to -70°C . The antibodies can be stored at 2°C - 8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 $\mu\text{g/ml}$
- ELISA: 0.01-0.1 $\mu\text{g/ml}$
- Immunoprecipitation: 2-5 $\mu\text{g/ml}$
- IHC: 2-10 $\mu\text{g/ml}$
- Flow cytometry: Not tested
- Molecular Weight: 52&100
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

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DATA ATTACHMENTS

REFERENCES

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