
anti-NF κB p50

Cat #: HM1238
Rabbit polyclonal IgG
0.2 μg/μl, store at 4 °C

For research use only

BACKGROUND

NF-κB transcription factors are a family of structurally-related proteins that are involved in the control of a variety of cellular processes, such as growth, development, and the inflammatory response. NFκB comprises of subunits of p50 (NFκB1) or p52 (NFκB2) and p65 (RelA). The p50/p65 heterodimer is the most abundant form of NFκB. Both proteins specifically bind to DNA sequences that are similar to the 10 bp κB sequence in the immunoglobulin κ light chain enhancer. This same sequence is also present in a number of other cellular and viral enhancers. NFκB is activated and rapidly transported from the cytoplasm to the nucleus in cells exposed to mitogens or growth factors.

SPECIFICITY

This antibody specifically reacts with NFκB p50 and p105 of human origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

IMMUNOGEN

Recombinant protein corresponding to the amino terminus of p50 of human origin.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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