

anti-Ikappa B- γ

Cat #: HM1244
Rabbit polyclonal IgG
0.2 $\mu\text{g}/\mu\text{l}$, store at 4 °C

For research use only

BACKGROUND

NF- κ B 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. The activity of NF- κ B is tightly regulated by interaction with inhibitory I κ B proteins. I κ B family of proteins comprises four groups: I κ B- α , I κ B- β , I κ B- γ , and I κ B- ϵ . I κ B proteins inactivate NF κ B by trapping it in the cytoplasm. Phosphorylation of serine residues on the I κ B proteins by kinases (I κ BKA, or I κ BKB) marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF κ B complex. I κ B- γ is a 70 kDa protein identical in sequence with the C-terminal domain of the p110 precursor of NF κ B p50 and expressed predominantly in lymphoid cells.

SPECIFICITY

This antibody specifically recognizes I κ B- γ of human, mouse and rat origin.

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

IMMUNOGEN

A peptide mapping at the carboxy terminus of I κ B- γ of human origin.

STORAGE

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

REFERENCES

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