

anti-Bad

Cat #: HM1020
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Bad is a member of the BCL-2 family whose members are known to regulate programmed cell death under a broad range of physiologic conditions. Bad protein positively regulates cell apoptosis by forming heterodimers with BCL-xL and BCL-2, and reversing their death repressor activity. Proapoptotic activity of this protein is regulated by phosphorylation. Protein kinases AKT and MAP kinase, c-Jun N-terminal kinase (JNK), as well as protein phosphatase calcineurin were found to regulate Bad. Bad is found on the outer mitochondrial membrane and, once phosphorylated, it translocates to the cytoplasm. The phosphorylation status of Bad represents a key checkpoint for death or cell survival.

SPECIFICITY

This antibody reacts with Bad of mouse, rat and human origin by Western blotting, immunoprecipitation and immunohistochemistry (including paraffin-embedded sections).

Molecular Weight of Bad: 23 kDa.
Western blotting positive control: NIH/3T3 cells.

IMMUNOGEN

Full-length recombinant human Bad protein.

STORAGE

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

REFERENCE

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