

anti-c-Jun

Cat #: HM1208
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

c-Jun is a member of the Jun family. It is a functional component of the AP1 transcription factor complex, which bind the palindromic TRE sequence TGA(C/G)TCA. Other AP-1 components belong either to the Jun (Jun B, Jun D) or Fos (c-Fos, Fos B, Fra-1, Fra-2) families. The Jun proteins form homo- and heterodimers which bind the TRE, but the Fos proteins are active only as heterodimers with any of the Jun proteins. Fos/Jun heterodimers have a much higher affinity for the TRE than Jun homodimers. AP-1 transcription factor components are subject to regulation by both phosphorylation and by chemical oxidation of specific cysteine residues mapping within the DNA binding domains of Fos and Jun.

SPECIFICITY

This antibody specifically recognizes c-Jun of human, mouse and rat origin.

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

IMMUNOGEN

A recombinant protein corresponding to the DNA binding domain of human c-Jun p39.

STORAGE

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

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