

anti-JNK1,2,3

Cat #: HM1206
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

APPLICATIONS

The JNK family, which includes JNK1, JNK2, and JNK3, is distantly related to the MAP kinase family, members of which are activated by dual phosphorylation at a Thr-Pro-Tyr motif, specifically at Thr-and Tyr-185 residues, in response to ultraviolet (UV) light. This motif is divergent from the Thr-Glu-Tyr motif characteristic of the MAP kinase family. JNK is phosphorylated by JNK-activating kinase (JNKK1 and JNKK2), which are members of MEK family. Activated JNK mediates the phosphorylation c-Jun at the amino terminal serine regulatory sites, Ser-63 Ser-73, which stimulates the transactivation function c-Jun.

SPECIFICITY

This antibody reacts with JNK1, JNK2 and JNK3 of mouse, rat and human origin.

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

IMMUNOGEN

Full length recombinant human JNK1 protein expressed in bacteria.

STORAGE

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

REFERENCES

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