
Anti-NF-1

Cat #: HM1234
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

NF-1 (also designated as CTF) is a CCAAT box binding protein that stimulates DNA replication and activates transcription. Its recognition sequence is found in the genomes of a number of DNA viruses as well as in the upstream promoter region of myriad eukaryotic genes, including that of Ha-Ras, alpha-globin, hsp70, grp 78, histone H1, myelin basic protein. The NFI protein stimulates initiation of adenovirus DNA replication in vitro and is capable of stimulating the transcription of genes in cooperation with other factors, such as the estrogen receptor. NF-1 binds its consensus DNA element as a homodimer via an amino terminal DNA binding domain, and activates transcription through a putatively novel, proline-rich, carboxy terminal transactivation domain.

SPECIFICITY

This antibody specifically reacts with NF-1 of human, mouse and rat origin.

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

IMMUNOGEN

A synthetic peptide derived from N-terminus of human NF-1 protein.

STORAGE

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

REFERENCES

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