
Anti- Sp2

Cat #: HM1341
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

The Sp zinc finger transcription factor family is composed of four members (Sp1, Sp2, Sp3 and Sp4) that share similar structures. All four proteins contain a highly conserved DNA-binding domain composed of three zinc fingers at the C-terminus. They bind the consensus sequence GGGGCGGGGC and other closely related sequences which are known as GC boxes. Sp1, Sp3 and Sp4 are more closely related to each other than to Sp2, which does not bind to a GC-box but to a GT-rich element. Sp1, Sp2 and Sp3 are ubiquitously expressed, while Sp4 is abundantly expressed in brain with limited expression in other tissues.

SPECIFICITY

This antibody specifically reacts with Sp2 of human, mouse and rat origin.

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

Molecular Weight of Sp2: 80 kDa.

IMMUNOGEN

A synthetic peptide derived from N-terminus of human Sp2 protein.

STORAGE

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

REFERENCES

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