Anti-Mad-1

Cat #: HM1214
Rabbit polyclonal IgG
0.2 μg/μl, store at 4 °C

For research use only

BACKGROUND
Basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors form homodimers or heterodimers with other family members in order to strongly bind DNA. Max is a nuclear localized bHLH-Zip protein. Its homodimers and the Myc-Max heterodimers bind the sequence CACGTG; however the binding of the heterodimeric complex is stronger than the Max homodimer. Mad-1 is a MAX-interacting protein. It competes with MYC for binding to MAX to form a sequence-specific DNA-binding complex, acts as a transcriptional repressor (while MYC appears to function as an activator) and is a candidate tumor suppressor.

SPECIFICITY
This antibody reacts with Mad 1 of human origin by Western blotting, immunoprecipitation and immunohistochemistry; non cross-reactive with Mad 2, c-Myc, or Max.

IMMUNOGEN
A recombinant protein corresponding to the full length human Mad 1.

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

REFERENCES
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