
anti-CREB

Cat #: HM1097
Mouse monoclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Cyclic AMP responsive element binding protein (CREB) is a ubiquitous transcription factor that is a member of the leucine zipper family of DNA binding proteins. It binds as a homodimer to CRE sites (cAMP response elements) and belongs to the basic leucine zipper family of DNA binding proteins. CREB is regulated by changes in cyclic AMP (cAMP) levels. Increases in cAMP levels result in the specific phosphorylation of CREB by protein kinase A. Phosphorylated CREB interacts with the transcriptional co-activator CBP.

SPECIFICITY

This antibody specifically reacts with CREB1 of human, mouse and rat origin.

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

IMMUNOGEN

Full-length human recombinant CREB1 protein.

STORAGE

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

REFERENCE

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