
anti-CBP

Cat #: HM1071
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

265 kDa CBP (also known as CREB-binding protein) is a widely expressed nuclear protein. It is closely related to p300 and contains a bromodomain, a ZZ-type zinc domain, and TAZ-type zinc fingers. CBP has been shown to directly interact with many different DNA-binding transcription factors including nuclear hormone receptors, CREB (cyclic AMP-responsive enhancer binding protein), c-Fos, c-Jun/v-Jun, c-Myb/v-Myb, TFIIB and MyoD. CBP is an acetyltransferase enzyme, acetylates histones and non-histone proteins like NCOA3 coactivator. Defects in CBP result in Rubinstein-Taybi syndrome (mental retardation, craniofacial defects, heart defects).

SPECIFICITY

This antibody reacts with CBP p265 and p300 of mouse, rat and human origin by Western blotting and immunohistochemistry.

Molecular Weight of CBP: 265 kDa. Western blotting positive control: HeLa cell lysate.

IMMUNOGEN

A peptide at the CREB binding domain of mouse CBP.

STORAGE

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

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