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**anti-C/EBP beta**

Cat #: HM1046  
Rabbit polyclonal IgG  
0.2 µg/µl, store at 4 °C

For research use only

**BACKGROUND**

C/EBP β (CCAAT-enhancer binding protein) is bZIP transcription factor which can bind as a homodimer to certain DNA regulatory regions. It can also form heterodimers with the related proteins CEBP-alpha, CEBP-delta, and CEBP-gamma. C/EBP β regulates gene expression in a variety of tissues including liver, adipose, lung and intestine. It is important in the regulation of genes involved in immune and inflammatory responses and has been shown to bind to the IL-1 response element in the IL-6 gene, as well as to regulatory regions of several acute-phase and cytokine genes. In addition, the encoded protein can bind the promoter and upstream element and stimulate the expression of the collagen type I gene.

**SPECIFICITY**

This antibody reacts with C/EBP β, C/EBP α, C/EBP δ and C/EBP ε of mouse, rat and human origin.

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

**IMMUNOGEN**

A recombinant protein corresponding to the carboxy terminal domain of human C/EBP β.

**STORAGE**

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

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