

## CEBPB

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**Reactivity:**Human Mouse

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:1000

**Calculated MW:**36kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human CEBPB

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

LAP; CRP2; TCF5; IL6DBP; NF-IL6; C/EBP-beta;

**Catalog #:**A0711

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**1051

**Isotype:**IgG

**Swiss Prot:**P17676

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this intronless gene is a 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. The encoded protein 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.

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