

Product Datasheet

CEBP Beta Antibody

Catalog No: CY5065

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IP FC



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Information

UniProt ID: P17676

All Names: AGP/EBP; CCAAT/enhancer binding protein beta; CEBPB; CRP2; IL-6DBP; C/EBP beta; C/EBP-related protein 2

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 33 kDa

Application

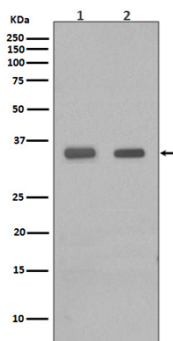
WB: 1:500~1:2000

IP: 1:50

FC: 1:50

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.



Western blot analysis of CEBP Beta in (1)PC-12 cell lysate; (2)human spleen cell lysate.

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