

Product Datasheet

CEBP beta Antibody

Catalog No: CY5276

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB ICC/IF IP FC



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Information

UniProt ID: P17676

All Names: AGP/EBP, C/EBP beta, C/EBP-related protein 2, CCAAT/enhancer binding protein beta, CEBPB, CRP2, IL-6DBP, Interleukin-6- dependent binding protein, LAP, Liver-enriched transcriptional activator, Nuclear factor NF-IL6, SF-B, SFB, Silencer factor B, TCF5,

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.: 36 kDa

Application

WB: 1:500~1:2000

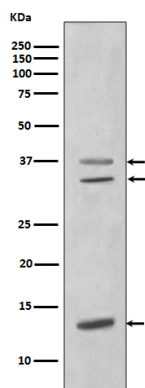
ICC/IF: 1:50~1:200

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 expression in MCF-7 cell lysate.

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