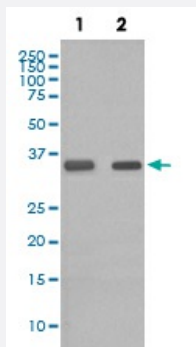


CEBPB monoclonal antibody, clone AAG-3

Catalog # MAB19888 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of (1) PC-12 cell lysate; (2) human spleen lysate with CEBPB monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human CEBPB.
Immunogen	A synthetic peptide corresponding to human CEBPB.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunoprecipitation (1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of (1) PC-12 cell lysate; (2) human spleen lysate with CEBPB monoclonal antibody.

- Immunoprecipitation

- Flow Cytometry

Gene Info — CEBPB

Entrez GeneID [1051](#)

Protein Accession# [P17676](#)

Gene Name CEBPB

Gene Alias C/EBP-beta, CRP2, IL6DBP, LAP, MGC32080, NF-IL6, TCF5

Gene Description CCAAT/enhancer binding protein (C/EBP), beta

Omim ID [189965](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations CCAAT/enhancer binding protein beta|interleukin 6-dependent DNA-binding protein|liver-enriched transcriptional activator protein|nuclear factor of interleukin 6|transcription factor 5

Disease

- [Genetic Predisposition to Disease](#)

- [Obesity](#)