

# Phospho-C/EBPB-T235 Rabbit pAb

Catalog No.: AP1055 **2 Publications**

## Basic Information

### Observed MW

38kDa

### Calculated MW

36kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

This intronless gene encodes a transcription factor that contains a basic leucine zipper (bZIP) domain. The encoded protein functions as a homodimer but can also form heterodimers with CCAAT/enhancer-binding proteins alpha, delta, and gamma. Activity of this protein is important in the regulation of genes involved in immune and inflammatory responses, among other processes. The use of alternative in-frame AUG start codons results in multiple protein isoforms, each with distinct biological functions.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

1051

### Swiss Prot

P17676

### Immunogen

A synthetic phosphorylated peptide around T235 of human C/EBPB (NP\_005185.2).

### Synonyms

TCF5; IL6DBP; NF-IL6; C/EBP-beta; Phospho-C/EBPB-T235

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

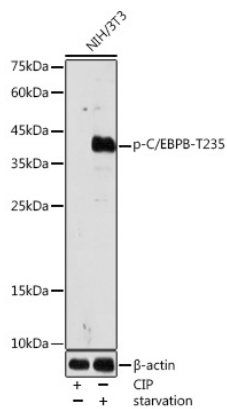
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of NIH/3T3, using Phospho-C/EBPB-T235 antibody (AP1055) at 1:1000 dilution. NIH/3T3 cells were treated by CIP (20uL/400ul) at 37°C for 1 hour. NIH/3T3 cells were treated by Serum-starvation overnight at 37°C.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.