

# CEBPA Rabbit Polyclonal Antibody



CAB0904

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

30kDa/42kDa

### Calculated MW:

25kDa/35kDa/37kDa/41kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

This intronless gene encodes a transcription factor that contains a basic leucine zipper (bZIP) domain and recognizes the CCAAT motif in the promoters of target genes. The encoded protein functions in homodimers and also heterodimers with CCAAT/enhancer-binding proteins beta and gamma. Activity of this protein can modulate the expression of genes involved in cell cycle regulation as well as in body weight homeostasis. Mutation of this gene is associated with acute myeloid leukemia. The use of alternative in-frame non-AUG (GUG) and AUG start codons results in protein isoforms with different lengths. Differential translation initiation is mediated by an out-of-frame, upstream open reading frame which is located between the GUG and the first AUG start codons.

## Immunogen information

### Gene ID:

1050

### Uniprot

P49715

### Synonyms:

CEBPA; C/EBP-alpha; CEBP

### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-205 of human CEBPA (NP\_004355.2).

### Storage:

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

## Product Images

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