

## CEBPA

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**Reactivity:**Human Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**42kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human CEBPA

**Storage Buffer:**

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

**Concentration:**

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**Synonym:**

CEBP; C/EBP-alpha;

**Catalog #:**A0904

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**1050

**Isotype:**IgG

**Swiss Prot:**P49715

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this intronless gene is a bZIP transcription factor which can bind as a homodimer to certain promoters and enhancers. It can also form heterodimers with the related proteins CEBP-beta and CEBP-gamma. The encoded protein has been shown to bind to the promoter and modulate the expression of the gene encoding leptin, a protein that plays an important role in body weight homeostasis. Also, the encoded protein can interact with CDK2 and CDK4, thereby inhibiting these kinases and causing growth arrest in cultured cells.

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