

## CREB1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC ICC IF IP FC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100  
IP 1:20 - 1:50 FC 1:10 - 1:50

**Calculated MW:**40 kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human CREB1

**Storage Buffer:**

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

**Synonym:**

CREB; CREB-1;

**Catalog #:**A10826

**Antibody Type:**

Monoclonal Antibody

**Species:**Rabbit

**Gene ID:**1385

**Isotype:**IgG

**Swiss Prot:**P16220

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds as a homodimer to the cAMP-responsive element, an octameric palindrome. The protein is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. Alternate splicing of this gene results in several transcript variants encoding different isoforms.

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