

## CREM

**Reactivity:**Human Mouse

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**38kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human CREM

**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:**

ICER; CREM-2; hCREM-2; RP11-324I22.3;

**Catalog #:**A5624

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**1390

**Isotype:**IgG

**Swiss Prot:**Q03060

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a bZIP transcription factor that binds to the cAMP responsive element found in many viral and cellular promoters. It is an important component of cAMP-mediated signal transduction during the spermatogenic cycle, as well as other complex processes. Alternative promoter and translation initiation site usage allows this gene to exert spatial and temporal specificity to cAMP responsiveness. Multiple alternatively spliced transcript variants encoding several different isoforms have been found for this gene, with some of them functioning as activators and some as repressors of transcription.

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