

CREB1 Rabbit pAb

Catalog No.: A1189 **5 Publications**

Basic Information

Observed MW

45kDa

Calculated MW

35kDa

Category

Primary antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID

1385

Swiss Prot

P16220

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human CREB1 (NP_604391.1).

Synonyms

CREB; CREB-1; CREB1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

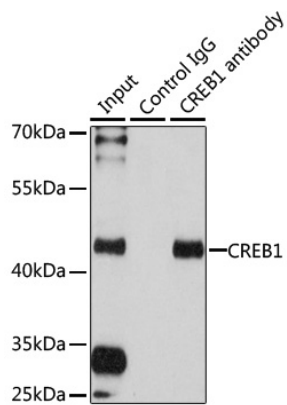
Affinity purification

Storage

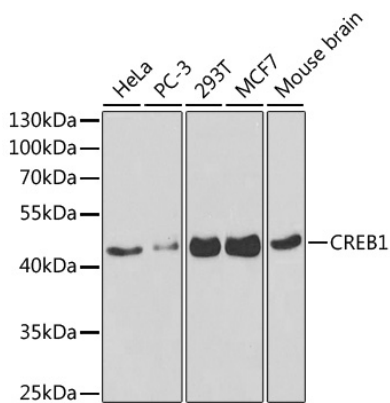
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Immunoprecipitation analysis of 200 μ g extracts of 293T cells using 1 μ g CREB1 antibody (A1189). Western blot was performed from the immunoprecipitate using CREB1 antibody (A1189) at a dilution of 1:1000.



Western blot analysis of various lysates using CREB1 Rabbit pAb (A1189) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST.