
CREB (Ser133) Antibody

Subcategory: Rabbit Polyclonal Antibody, Phosphospecific Antibody

Cat. No.: 252530

Unit: 0.1 ml

Description:

As a dimer, CREB-1 (cAMP-responsive element-binding protein 1) binds the cAMP response element (CRE), a sequence present in many viral and cellular promoters, to stimulate transcription. CREB-1 is activated by phosphorylation on Ser-133 and Ser-142. Transcriptional activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. CREB-1 has been implicated in synchronization of circadian rhythmicity. It interacts with various proteins including TORC/CRTC, CREBBP, ARRB1.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: B, D, Ck, H, M, R, Sh, X, Zf

Format: Each vial contains 0.1 ml IgG in HEPES pH7.5, 150 mM NaCl, 0.01% BSA and 50% glycerol. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Cyclic AMP-responsive element-binding protein 1; cAMP response element-binding protein; CREB; CREB1; CREB-1

Accession No.: P15337

Antigen: KLH-conjugated synthetic phosphopeptide encompassing a sequence surrounding Ser133 of rat CREB.

Application Notes: E: 1:1,000; WB: 1:1,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.