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Phospho-CREB1 (Ser133) Polyclonal Antibody

Cat #: G-AB-05745

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
This protein binds the cAMP response element (CRE), a sequence present in many viral and cellular promoters. CREB stimulates transcription on binding to the CRE. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. Implicated in synchronization of circadian rhythmicity.

Gene ID:

Accession #:

Immunogen: Synthesized peptide derived from human CREB-1 around the phosphorylation site of Ser133

Conjugation: Unconjugated

Swissprot: P16220

Calculated Molecular Weight: 37 kDa

Observed Molecular Weight: 37 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: WB,IHC-p,IF,ELISA

Dilution: WB 1:500-1:2000, IHC 1:100-1:300, IF 1:100-1:300, ELISA 1:5000-1:20000

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