

CREB-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252116

Unit: 0.1 mg

Description:

Cyclic AMP-responsive element-binding protein 1 (CREB-1) is a protein binds the cAMP response element (CRE), a sequence present in many viral and cellular promoters. CREB-1 stimulates transcription on binding to the CRE. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. CREB-1 is implicated in synchronization of circadian rhythmicity. Defects in CREB-1 have been implicated in angiomatoid fibrous histiocytoma (AFH), a distinct variant of malignant fibrous histiocytoma that typically occurs in children and adolescents and is manifest by nodular subcutaneous growth.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

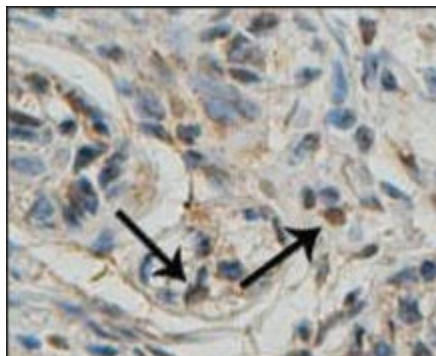
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

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

Accession No.: P16220

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CREB-1.

Application Notes: E: 1:10,000-1:40,000; WB: 1:100-1:500; IHC: 1:50-1:50



The CREB-1 Antibody is used in Western blot to detect the CREB-1 in human human prostatic cancer.

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.