

## CREB1 RABBIT PAB

**Cat.#:** S216447

**Product Name:** Anti-CREB1 Rabbit Polyclonal Antibody

**Synonyms:** CREB; CREB-1

**UNIPROT ID:** P16220 (Gene Accession - BC010636 )

**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.

**Immunogen:** Fusion protein of human CREB1

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-100;WB: 1000-5000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

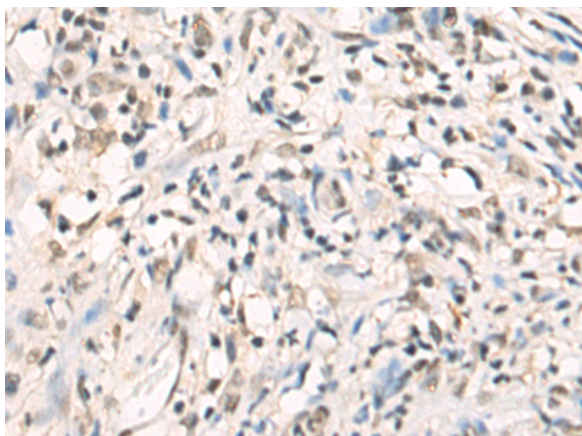
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

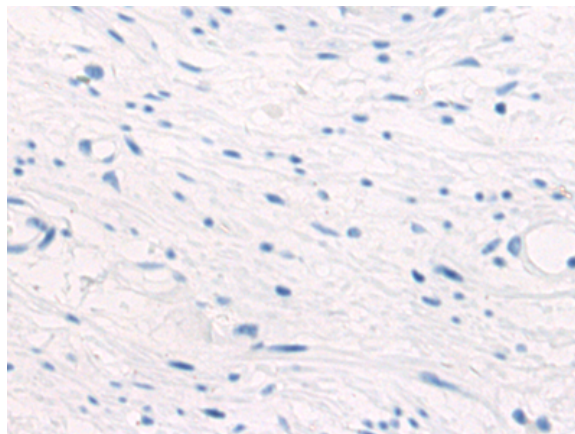
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling, Immunology

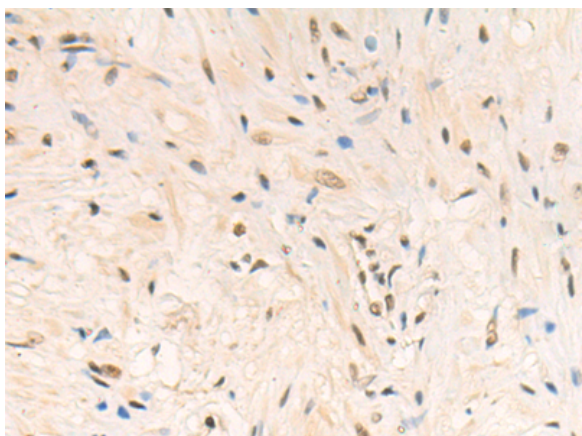
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



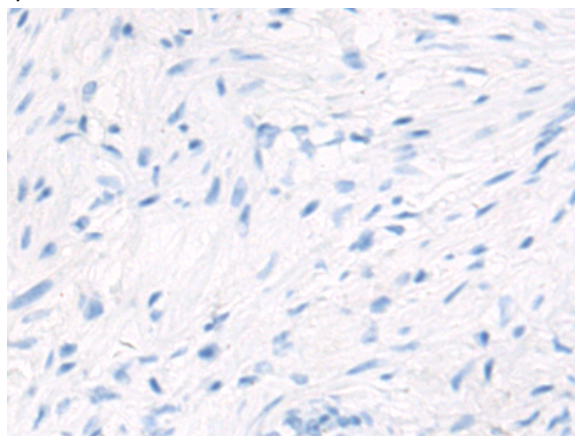
Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 216447(CREB1 Antibody) at a dilution of 1/70(Nucleus).



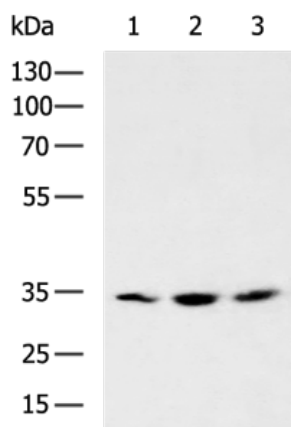
In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the fusion protein and then with 216447(Anti-CREB1 Antibody) at dilution 1/70.



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 216447(Anti-CREB1 Antibody) at a dilution of 1/70.



In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with fusion protein and then with D220483(Anti-CREB1 Antibody) at dilution 1/70.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
 Lane 1-3: 293T, LO2, A375 cell lysates;  
 Primary antibody: 216447(CREB1 Antibody) at dilution 1/900;  
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
 Exposure time: 15 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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