

# Phospho-CREB1-S133 Rabbit mAb

Catalog No.: AP1421 **Recombinant**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

35kDa

### Category

Primary antibody

### Applications

ELISA, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC60280

## 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

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

1385

### Swiss Prot

P16220

### Immunogen

A synthetic phosphorylated peptide around Ser133 of human CREB1.

### Synonyms

CREB; CREB-1; Phospho-CREB1-S133

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

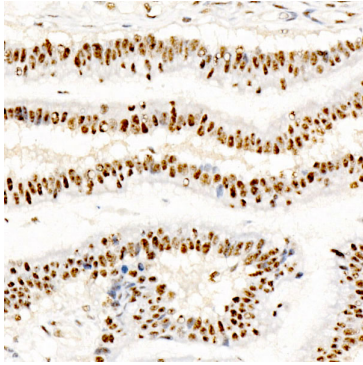
### Storage

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

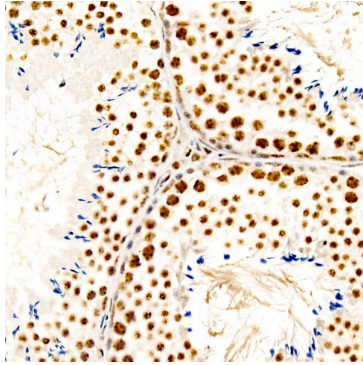
Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

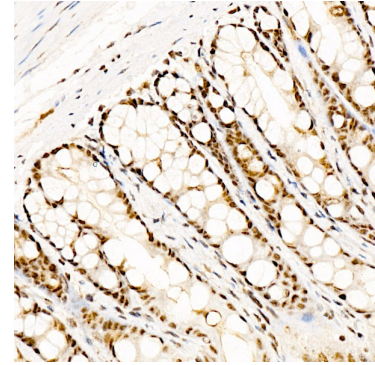
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Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Phospho-CREB1-S133 Rabbit mAb (AP1421) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Mouse testis using Phospho-CREB1-S133 Rabbit mAb (AP1421) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Rat colon using Phospho-CREB1-S133 Rabbit mAb (AP1421) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.