

**Phospho-CREB (Ser133) Rabbit mAb**  
Catalog # AP75290**Specification****Phospho-CREB (Ser133) Rabbit mAb - Product Information**

Application	WB, IHC, IP
Primary Accession	<a href="#">P16220</a>
Reactivity	Human, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	35136

**Phospho-CREB (Ser133) Rabbit mAb - Additional Information****Gene ID** 1385**Other Names**

CREB1

**Dilution**

WB~~1/500-1/1000

IHC~~1/50-1/100

IP~~1/20

**Format**

Liquid

**Phospho-CREB (Ser133) Rabbit mAb - Protein Information****Name** CREB1**Function**

Phosphorylation-dependent transcription factor that stimulates transcription upon binding to the DNA cAMP response element (CRE), a sequence present in many viral and cellular promoters (By similarity). Transcription activation is enhanced by the TORC coactivators which act independently of Ser-119 phosphorylation (PubMed:<a href="http://www.uniprot.org/citations/14536081" target="\_blank">14536081</a>). Involved in different cellular processes including the synchronization of circadian rhythmicity and the differentiation of adipose cells (By similarity). Regulates the expression of apoptotic and inflammatory response factors in cardiomyocytes in response to ERFE-mediated activation of AKT signaling (By similarity).

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00312, ECO:0000255|PROSITE-ProRule:PRU00978, ECO:0000269|PubMed:12552083}

**Phospho-CREB (Ser133) Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

### Phospho-CREB (Ser133) Rabbit mAb - Images



