

## CREB(S133) Antibody

Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP22383a-200 □

### Specification

#### CREB(S133) Antibody - Product info

Application	WB
Primary Accession	<a href="#">P16220</a>
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Clone Names	RB60630
Calculated MW	36688

#### CREB(S133) Antibody - Additional info

Gene ID 1385

#### Other Names

Cyclic AMP-responsive element-binding protein 1, CREB-1,  
cAMP-responsive element-binding protein 1, CREB1

#### Target/Specificity

This CREB(S133) antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 110-140 from the human region of human CREB(S133).

#### Dilution

WB~~1:500~2000

#### Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

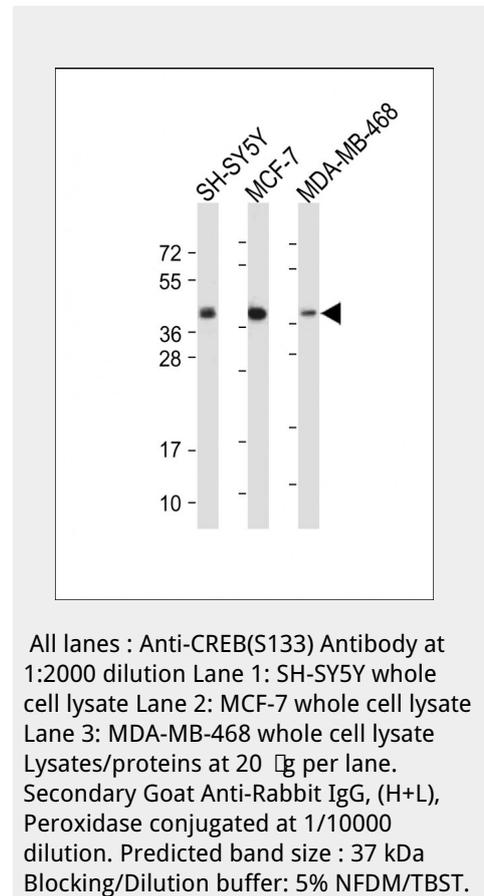
CREB(S133) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

#### CREB(S133) Antibody - 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. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. Involved in different cellular processes including the synchronization of



circadian rhythmicity and the differentiation of adipose cells.

#### Cellular Location

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

#### CREB(S133) Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### CREB(S133) Antibody - Background

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. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. Involved in different cellular processes including the synchronization of circadian rhythmicity and the differentiation of adipose cells.

#### CREB(S133) Antibody - References

Berkowitz L.A., et al. Proc. Natl. Acad. Sci. U.S.A. 87:5258-5262(1990). Yoshimura T., et al. EMBO J. 9:2537-2542(1990). Waeber G., et al. Trans. Assoc. Am. Physicians 103:28-37(1990). Hoeffler J.P., et al. Science 242:1430-1433(1988). Short M.L., et al. Nucleic Acids Res. 19:4290-4290(1991).