

CREB1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11707c**Specification**

CREB1 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [P16220](#)**CREB1 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 1385**Other Names**

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CREB1 Antibody (Center) Blocking peptide - 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:14536081). 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}

CREB1 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CREB1 Antibody (Center) Blocking peptide - Images

CREB1 Antibody (Center) Blocking peptide - Background

The KHSRP gene encodes a multifunctional RNA-binding protein implicated in a variety of cellular processes, including transcription, alternative pre-mRNA splicing, and mRNA localization (Min et al., 1997 [PubMed 9136930]; Gherzi et al., 2004 [PubMed 15175153]).

CREB1 Antibody (Center) Blocking peptide - References

Michlewski, G., et al. Nat. Struct. Mol. Biol. 17(8):1011-1018(2010) Bikkavilli, R.K., et al. J. Cell. Sci. 123 (PT 8), 1352-1362 (2010) :Malz, M., et al. Hepatology 50(4):1130-1139(2009) Trabucchi, M., et al. Nature 459(7249):1010-1014(2009) Nechama, M., et al. BMC Cell Biol. 10, 70 (2009) :