

CREB1
Mouse Monoclonal antibody(Mab)
Catalog # AD80606

Specification

CREB1 - Product info

Application	IHC-P
Primary Accession	P16220
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	35136

CREB1 - Additional info

Gene ID **1385**
Other Names
Cyclic AMP-responsive element-binding protein 1, CREB-1, cAMP-responsive element-binding protein 1, CREB1

Storage
Maintain refrigerated at 2-8°C

CREB1 - 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 - 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](#)

CREB1 - Images