

**CREB1**  
Mouse Monoclonal antibody(Mab)  
Catalog # AD80606

## Specification

---

### CREB1 - Product info

Application	IHC-P
Primary Accession	<a href="#">P16220</a>
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 **This product is stored at 2-8 °C, please use it within the expiration date.**

### 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**