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# CREB1抗体试剂(免疫组织化学)

Mouse Monoclonal antibody(Mab)
Catalog # AD80524

## Product Information

| | |
|---|---|
| **Application** | IHC-P |
| **Primary Accession** | P16220 |
| **Reactivity** | Human |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Clone Names** | 748P2A4 |
| **Calculated MW** | 35136 |

## Additional Information

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|---|---|
| **Gene ID** | 1385 |
| **Other Names** | Cyclic AMP-responsive element-binding protein 1, CREB-1, cAMP-responsive element-binding protein 1, CREB1 |
| **Dilution** | IHC-P~~N/A |
| **Storage** | Maintain refrigerated at 2-8°C. |

## Protein Information

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|---|---|
| **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} |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.