

# Phospho-CREB (Ser133) Rabbit mAb

Catalog # AP75290

## Product Information

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC-P, IP          |
| Primary Accession | <a href="#">P16220</a> |
| Reactivity        | Human, Rat             |
| Host              | Rabbit                 |
| Clonality         | Monoclonal Antibody    |
| Calculated MW     | 35136                  |

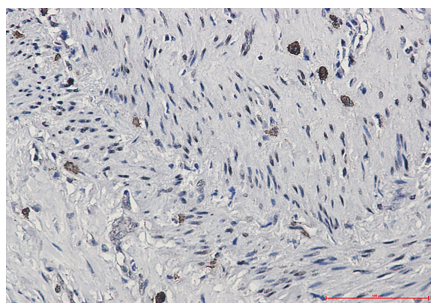
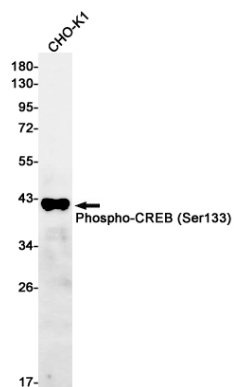
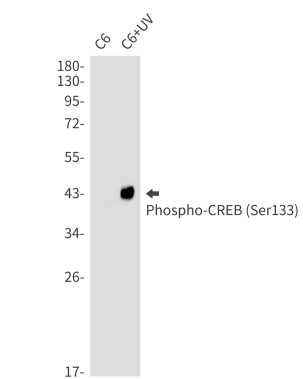
## Additional Information

|             |                                                                                          |
|-------------|------------------------------------------------------------------------------------------|
| Gene ID     | 1385                                                                                     |
| Other Names | CREB1                                                                                    |
| Dilution    | WB~~1/500-1/1000 IHC-P~~N/A IP~~1/20                                                     |
| Format      | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.    |
| Storage     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

## 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: <a href="#">14536081</a> ). 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}                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## Images



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