

## CREB-1 (phospho Thr100) Polyclonal Antibody

Catalog No: #13949



Package Size: #13949-1 50ul #13949-2 100ul

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## Description

|                       |   |
|-----------------------|---|
| Product Name          | CREB-1 (phospho Thr100) Polyclonal Antibody   |
| Host Species          | Rabbit  |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                     |
| Applications          | WB,ELISA  |
| Species Reactivity    | Human,Mouse,Rat   |
| Specificity           | Phospho-CREB-1 (T100) Polyclonal Antibody detects endogenous levels of CREB-1 protein only when phosphorylated at T100.                   |
| Immunogen Description | The antiserum was produced against synthesized peptide derived from human CREB around the phosphorylation site of Thr100. AA range:71-120 |
| Other Names           | CREB1; Cyclic AMP-responsive element-binding protein 1; CREB-1; cAMP-responsive element-binding protein 1                                 |
| Accession No.         | Swiss Prot:P16220GenelD:1385  |
| Uniprot               | P16220  |
| GenelD                | 1385  |
| SDS-PAGE MW           | 42  |
| Concentration         | 1 mg/ml   |
| Formulation           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| Storage               | -20°C/1   |

## Application Details

Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

## Background

cAMP responsive element binding protein 1(CREB1) Homo sapiens This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds as a homodimer to the cAMP-responsive element, an octameric palindrome. The protein is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. Alternate splicing of this gene results in several transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016],

Note: This product is for in vitro research use only