

## Anti-Phospho-CREB1 (Ser142) Polyclonal Antibody

### Product Details

|                   |   |
|-------------------|---|
| Ig Type:          | IgG   |
| Reactivity:       | Human,Mouse,Rat   |
| Conjugation:      | Unconjugated  |
| Molecular Weight: | Actual: 37 kDa.   |
| Purification:     | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

### Applications

|              |  |
|--------------|--|
| Application: | WB,IHC-P,ICC/IF,ELISA  |
| Recommended  | WB: 1:500-2000; IHC-P: 1:100-300; ICC/IF: 1:200-1000; ELISA: 1:40000 |

### Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

### Antigen Details

|                  |  |
|------------------|--|
| Immunogen:       | A synthesized phosphopeptide: human CREB around the phosphorylation site of Ser142. AA range:111-160 |
| Antigen Species: | human  |
| Uniprot ID:      | P16220   |
| Synonyms:        | CREB1 (p-Ser142);CREB1 (p-S142);p-CREB1 (S142);p-CREB1 (Ser142)                                      |

### Research 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],

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