
Product Name: Phospho-CREB (Ser142) Rabbit Polyclonal Antibody**Catalog #: APRab00922**

For research use only.

Summary

| | |
|----------------------|--|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,IHC |
| Reactivity | Human,Mouse,Rat |
| Conjugation | Unconjugated |
| Modification | Phosphorylated |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|---|
| Dilution Ratio | WB 1:500-1:1000,IHC 1:50-1:100 |
| Molecular Weight | Calculated MW: 35 kDa; Observed MW: 37,43 kDa |

Antigen Information

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|--------------------------|---|
| Gene Name | CREB1 |
| Alternative Names | CREB1; Cyclic AMP-responsive element-binding protein 1; CREB-1; cAMP-responsive element-binding protein 1 |
| Gene ID | 1385 |
| SwissProt ID | P16220 |
| Immunogen | A synthetic Phosphorylated peptide corresponding to residues target protein |

Background

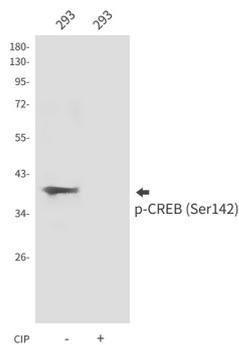
This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein

binds as a homodimer to the cAMP-responsive element, an octameric palindrome.

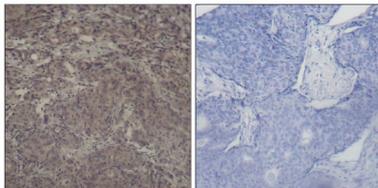
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Phospho-CREB (Ser142) in 293 lysates using Phospho-CREB (Ser142) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using CREB (Phospho-Ser142) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.