

# Phospho-CREB1 (Ser133) Polyclonal Antibody

Catalog Number: E-AB-20849

1 Publications



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

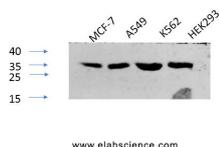
## Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthesized peptide derived from human CREB-1 around the phosphorylation site of Ser133
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

## Applications Recommended Dilution

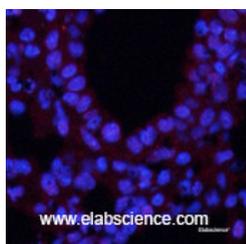
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:100-1:300
<b>IF</b>	1:100-1:300
<b>ELISA</b>	1:5000-1:20000

## Data



Western Blot analysis of various cells using Phospho-CREB1 (Ser133) Polyclonal Antibody at dilution of 1:1000

**Observed Mw: 37kDa**  
**Calculated Mw: 37kDa**



Immunofluorescence analysis of Mouse lung tissue using Phospho-CREB1 (Ser133) Polyclonal Antibody at dilution of 1:200



Immunohistochemistry of paraffin-embedded Human uterus tissue using Phospho-CREB1 (Ser133) Polyclonal Antibody at dilution of 1:200

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## For Research Use Only

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## Background

This protein binds the cAMP response element (CRE), a sequence present in many viral and cellular promoters. CREB stimulates transcription on binding to the CRE. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. Implicated in synchronization of circadian rhythmicity.

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