

## CREB (phospho Ser133) antibody

**Cat. No. GTX130379**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB
<b>Reactivity</b>	Human, Mouse, Rat

References ( 6 )

★★★★★ Review ( 1 )

Package

100 µl, 25 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
Not tested in other applications.	

**Calculated MW** 37 kDa. ( [Note](#) )**Product Note**

Based on the internal tests, this antibody can recognize human CREB phosphorylated at Ser133 and human ATF1 phosphorylated at Ser63 due to sequence homology. This antibody is raised against human CREB phosphorylated at Ser133, and it also may detect the phosphorylated ATF1 protein due to sequence homology.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	0.34 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide surrounding phospho Ser133 of human CREB. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

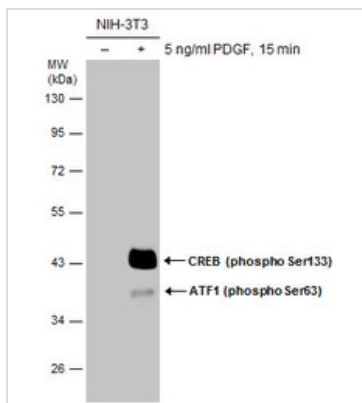


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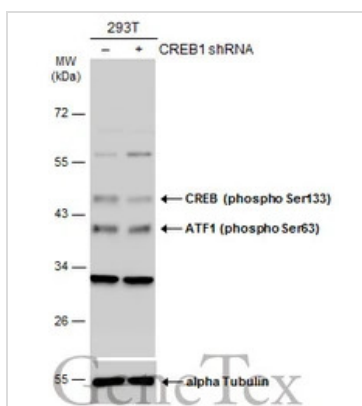
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**Note**

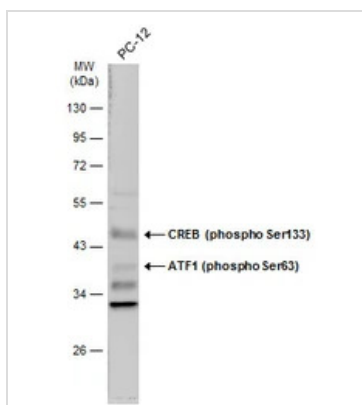
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**DATA IMAGES**

**GTX130379 WB Image**

Untreated (-) and treated (+) NIH-3T3 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with CREB (phospho Ser133) antibody (GTX130379) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


**GTX130379 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with CREB (phospho Ser133) antibody (GTX130379) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


**GTX130379 WB Image**

Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with CREB (phospho Ser133) antibody (GTX130379) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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