

Phospho-CREB (Ser133) Ab

[References\(46\)](#) [Images\(64\)](#)

Cat.#: AF3189
Size:

Concn.: ~1mg/ml
Source: Rabbit

Mol.Wt.: 43kDa
Clonality: Polyclonal

Application:

WB 1:500-1:2000, IHC 1:100-1:500, IF/ICC 1:100-1:500
*The optimal dilutions should be determined by the end user.

Reactivity:

Human, Mouse, Rat

Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Immunogen:

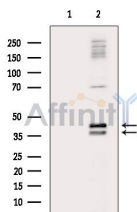
A synthesized peptide derived from human CREB around the phosphorylation site of Ser133.

Uniprot:

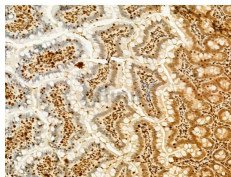
P16220

Description:

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.



Western blot analysis of extracts from MCF7 cells (H₂O₂ treatment), using Phospho-CREB (Ser133) Ab. The lane on the left was treated with blocking peptide.



AF3189 at 1/100 staining Rat colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.



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