

Anti-CREB1 Antibody (Monoclonal, 33C63)

Catalog Number: M00577-2

About CREB1

CREB1, also known as cAMP responsive element binding protein 1, is a protein that in humans is encoded by the CREB1 gene. It is mapped to 2q33.3. This protein binds the cAMP response element, a DNA nucleotide sequence present in many viral and cellular promoters. The binding of CREB1 stimulates transcription. This protein is a CREB 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.

Overview

Product Name	Anti-CREB1 Antibody (Monoclonal, 33C63)
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-CREB1 Antibody (Monoclonal, 33C63) catalog # M00577-2. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat, Monkey.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal 33C63
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P16220

Technical Details

Immunogen	Recombinant protein within mouse CREB aa 3-278.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200

Immunocytochemistry/Immunofluorescence, 1:50-200
Flow Cytometry (Fixed), 1:50-200

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