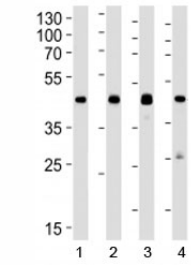
CREB1 Antibody [clone 1335CT115.203.189] (F52446)

Catalog No.	Formulation	Size
F52446-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52446-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, k
Clone Name	1335CT115.203.189
Purity	Purified
UniProt	P16220
Applications	Western blot: 1:1000
Limitations	This CREB1 antibody is available for research use only.



Western blot analysis of lysate from 1) human A549, 2) mouse Neuro-2a, 3) mouse NIH3T3, and 4) rat C6 cell line using CREB1 antibody at 1:1000. Predicted molecular weight is 37 kDa but routinely observed at ~43 kDa.

Description

Phosphorylation-dependent transcription factor that stimulates transcription upon binding to the DNA cAMP response element (CRE), a sequence present in many viral and cellular promoters. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. Involved in different cellular processes including the synchronization of circadian rhythmicity and the differentiation of adipose cells.

Application Notes

Titration of the CREB1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This CREB1 antibody was produced from a mouse immunized with a recombinant protein from human CREB1.

Storage

Aliquot the CREB1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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