

CREB Polyclonal Antibody

Catalog # AP63396

Product Information

Application	WB
Primary Accession	P16220
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35136

Additional Information

Gene ID	1385
Other Names	CREB1; Cyclic AMP-responsive element-binding protein 1; CREB-1; cAMP-responsive element-binding protein 1
Dilution	WB~~WB: 1:1000-2000
Format	PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.
Storage Conditions	-20°C

Protein Information

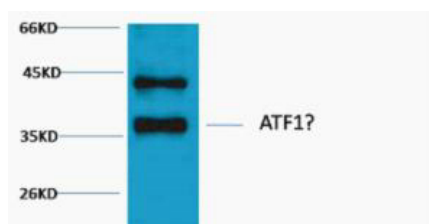
Name	CREB1
Function	Phosphorylation-dependent transcription factor that stimulates transcription upon binding to the DNA cAMP response element (CRE), a sequence present in many viral and cellular promoters (By similarity). Transcription activation is enhanced by the TORC coactivators which act independently of Ser-119 phosphorylation (PubMed: 14536081). Involved in different cellular processes including the synchronization of circadian rhythmicity and the differentiation of adipose cells (By similarity). Regulates the expression of apoptotic and inflammatory response factors in cardiomyocytes in response to ERFE-mediated activation of AKT signaling (By similarity).
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00312, ECO:0000255 PROSITE-ProRule:PRU00978, ECO:0000269 PubMed:12552083}

Background

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.

Images



Western blot analysis of HeLa, Rabbit pAb diluted at 1:2000.. Secondary antibody was diluted at 1:20000

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