

CREB-1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02210
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CREB. AA range:71-120
Mol wt	36688
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	CREB-1 Antibody
Synonyms	CREB1; Cyclic AMP-responsive element-binding protein 1; CREB-1; cAMP-responsive element-binding protein 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CREB1 encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. Cyclic AMP-responsive element-binding protein 1 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. Alternate splicing of this gene results in several transcript variants encoding different isoforms.

Recommended Dilution

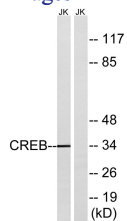
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from Jurkat cells, using CREB Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year