

Phospho-CREB1 (Ser142) Polyclonal Antibody

Catalog No. E-AB-21261

Note: Centrifuge before opening to ensure complete recovery of vial contents.

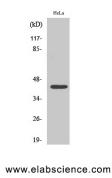
Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthesized peptide derived from human CREB-1 around the phosphorylation site of Ser142
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:100-1:300
IF	1:200-1:1000
ELISA	1:40000

Data



Western Blot analysis of Hela cells using Phospho-CREB1 (Ser142) Polyclonal Antibody at dilution of 1:500

Observed Mw:37kDa
Calculated Mw:37kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

This protein binds the cAMP response element (CRE), a sequence present in many viral and cellular promoters. CREB stimulates transcription on binding to the CRE. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. Implicated in synchronization of circadian rhythmicity.

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