

Product Datasheet

Phospho-CREB (Thr100) Antibody

Catalog No: AY0332

Reactivity: Human:T100,Mouse:T100,Rat:T100

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: P16220

All Names: cAMP responsive element binding protein 1; cAMP-response element binding protein; CREB-1; CREB1

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 40 kDa

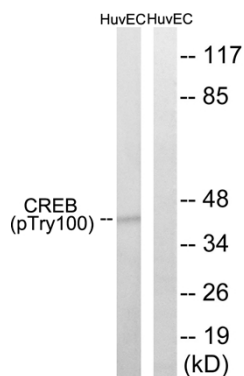
Application

WB: 1:500~1:3000

ELISA: 1:20000

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-119 phosphorylation. Involved in different cellular processes including the synchronization of circadian rhythmicity and the differentiation of adipose cells.



Western blot analysis of extracts from HUVEC cells, treated with etoposide (25uM, 24hours), using CREB (Phospho-Thr100) antibody.

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