

[pSer133]CREB monoclonal antibody (10E9)

The transcription factor CREB (cAMP response element binding) binds the palindromic octanucleotide TGACGTCA. Members of the ATF/CREB family include CREB-1, CREB-2 (also designated ATF-4), ATF-1, ATF-2, and ATF-3. Phosphorylation of CREB allows recruitment of CREB-binding protein (CBP), a large co-activator that contacts the general transcriptional machinery. CREB-mediated transcription regulates diverse cellular responses, including intermediary metabolism, neuronal signaling, cell proliferation, and apoptosis.

This antibody is covered by our [Worry-Free Guarantee](#).

Ordering Information

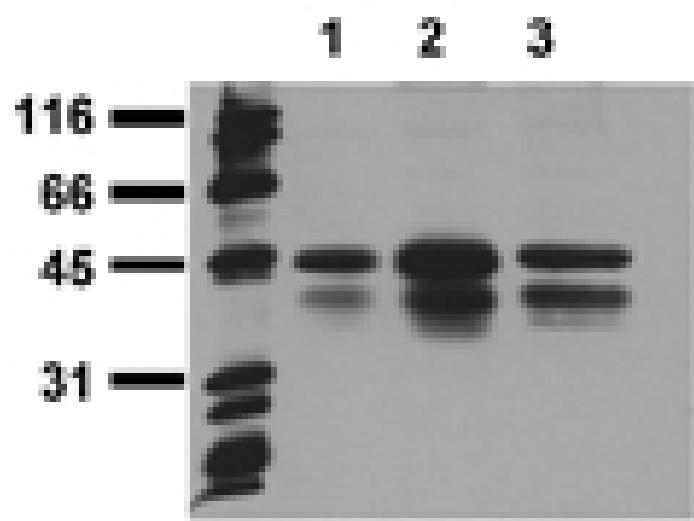
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ADI-905-639-100

100µg

Manuals, SDS & CofA

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Handling & Storage

Use/Stability Stable at -80°C up to 1 year, at 4°C up to 3 months.

Long Term Storage -20°C

Shipping Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name cAMP responsive element binding protein

Application ELISA, WB

Application Notes Detects bands of ~43kDa (CREB) and ~38kDa (ATF1) by Western blot.

Clone 10E9

Formulation Lyophilized from 1ml of 2x PBS containing 0.09% sodium azide, PEG, and sucrose.

Host Mouse

Immunogen Synthetic peptide corresponding to a portion of CREB phosphorylated at Ser133.

Isotype IgG1

Purity Detail Thiophilic adsorption and size exclusion chromatography purified.

Recommendation Dilutions/Conditions ELISA (0.05µg/ml)Western Blot (0.5µg/ml, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.

Reconstitution Reconstitute with 1ml water (15 minutes at room temperature).

Species Reactivity Dog, Human, Mouse

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