

Anti-CREB (Ser-271), Phosphospecific Antibody



Product Details

Available Variants	100 µL (SKU:CP4161)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	CREB1
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:200
Species Reactivity	Chicken, Human, Mouse, Rat
Immunogen	Phospho-CREB (Ser-271) synthetic peptide (coupled to carrier protein) corresponding to amino acids surrounding Ser-271 in human CREB. This sequence is well conserved in rat, mouse, chicken, and zebrafish CREB. The site has some homology to the conserved site in ATF1 (Ser-198) and CREM (Ser-287).
Specificity	The antibody detects a 43 kDa* protein corresponding to the molecular mass of CREB on SDS-PAGE immunoblots of human A431, Jurkat, and rat PC12 cells treated with Calyculin A, but is not observed after lambda phosphatase treatment.
Molecular Weight	43
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

-20°C.

UniProt ID P16220

Country of Origin United States

Shipping Blue Ice

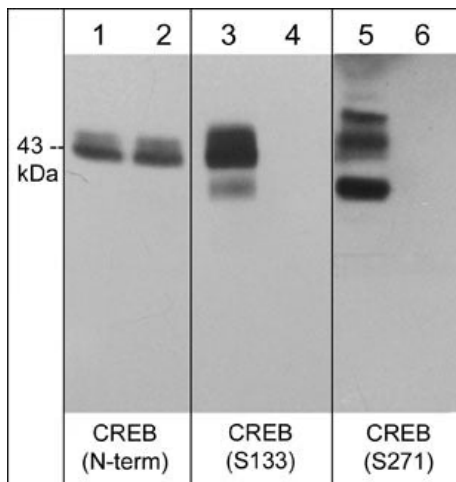
Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

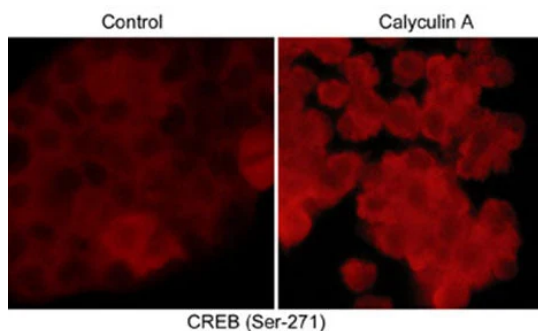
Post Translational Modification Type Phosphorylated

Post Translational Modification Residue Ser-271

Product Images



Western blot analysis of human A431 cells treated with calyculin A (100 nM) for 30 min. (lanes 1, 3, & 5) then blots were treated with lambda phosphatase (lanes 2, 4, & 6). The blots were probed with anti-CREB (N-terminal region) (lanes 1 & 2), anti-CREB (Ser-133) (lanes 3 & 4), and anti-CREB (Ser-271) (lanes 5 & 6).



Immunocytochemical labeling of phosphorylated CREB in control and calyculin A-treated A431 cells. The cells were fixed in paraformaldehyde and permeabilized using NP-40 before labeling with rabbit polyclonal CREB (Ser-271). The antibody was detected using goat anti-rabbit DyLight® 594.



Created on 10. September 2026 | All information without guarantee