

KD-Validated Anti-CREB1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

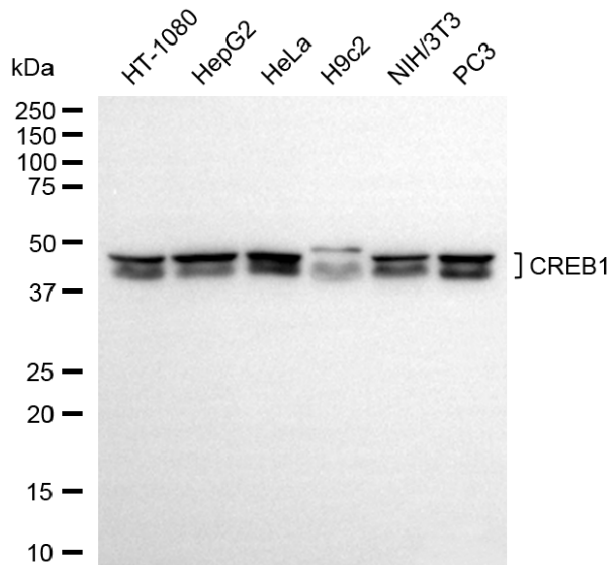
ABG1433

Product Overview

Name	KD-Validated Anti-CREB1 Rabbit Monoclonal Antibody
Accession(Primary)	P16220
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CREB
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 35 kDa; observed, 43-46 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

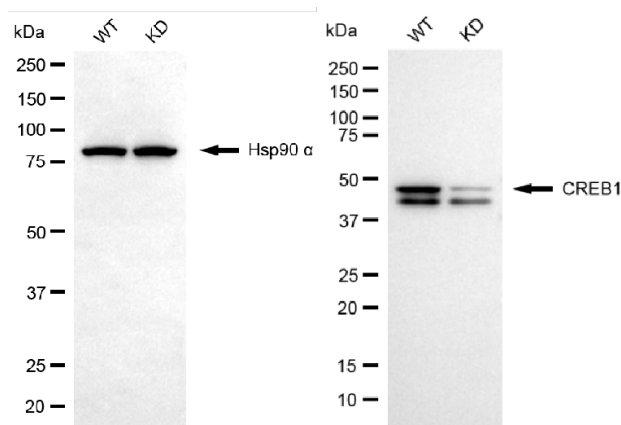
Target information (P16220)

Gene Name	CREB1
About Gene Symbol	CREB1 (CAMP Responsive Element Binding Protein 1) is a transcription factor involved in gene transcription and regulation. It is an important research target in gene regulation, development, and cancer research and is widely studied to elucidate cellular



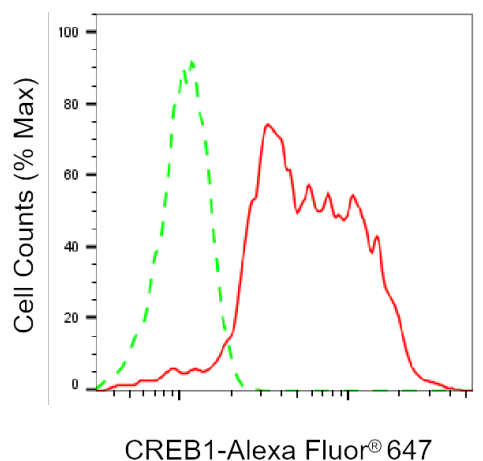
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Western blotting analysis using anti-CREB1 antibody (Cat#ABG1433). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CREB1 antibody (Cat#ABG1433, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



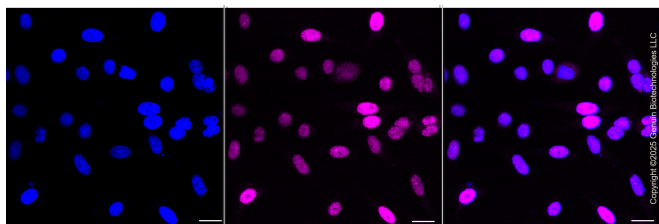
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Western blotting analysis using anti-CREB1 antibody (Cat#ABG1433). CREB1 expression in wild type (WT) and CREB1 knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CREB1 antibody (Cat#ABG1433, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of CREB1 expression in HepG2 cells using anti-CREB1 antibody (Cat#ABG1433, 1:2,000). Green, isotype control; red, CREB1.



Immunocytochemical staining of HepG2 cells with anti-CREB1 antibody (Cat#ABG1433, 1:1,000).

Nuclei were stained blue with DAPI; CREB1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 μ m.