9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-CBX2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1210

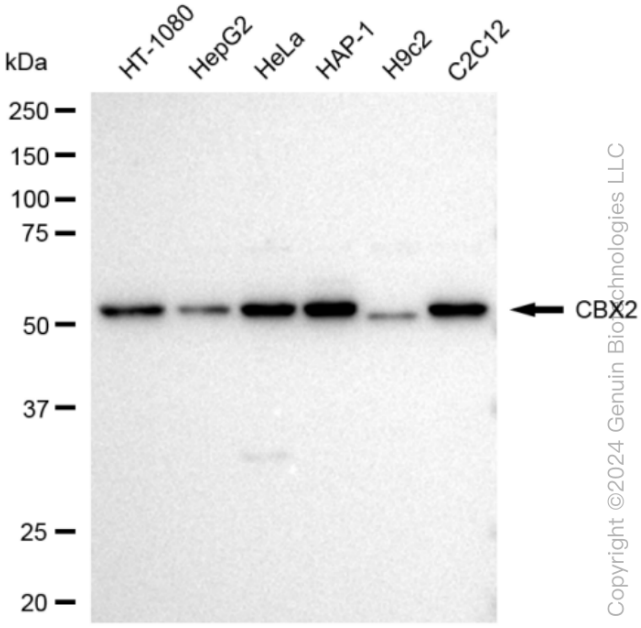
Product Overview

Name	KD-Validated Anti-CBX2 Rabbit Monoclonal Antibody
Accession(Primary)	Q14781
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CBX2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 56 kDa , observed, 56 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q14781)

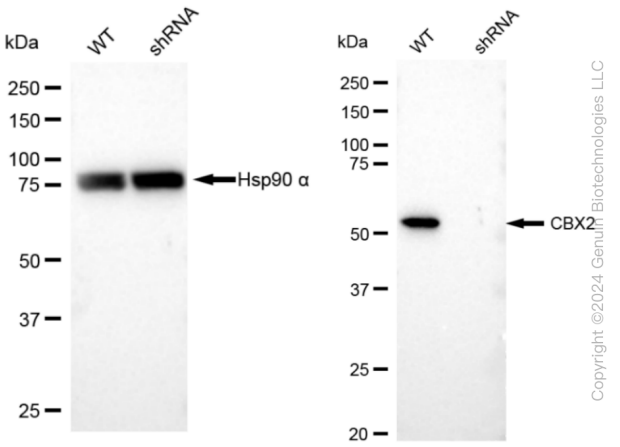
Gene Name	CBX2
About Gene Symbol	CBX2 (Chromobox 2) is an epigenetic and nuclear regulatory protein involved in epigenetic regulation. It is an important research target in epigenetic regulation, chromatin biology, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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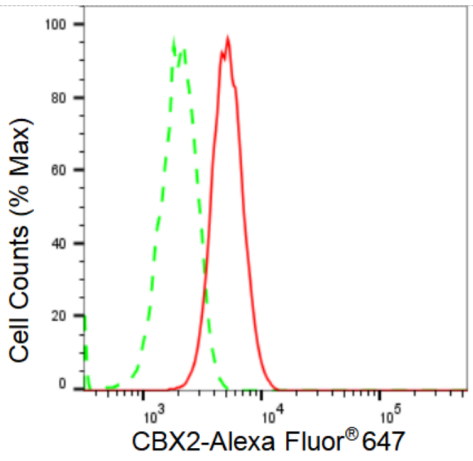
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Western blotting analysis using anti-CBX2 antibody (Cat#ABG1210). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CBX2 antibody (Cat#ABG1210, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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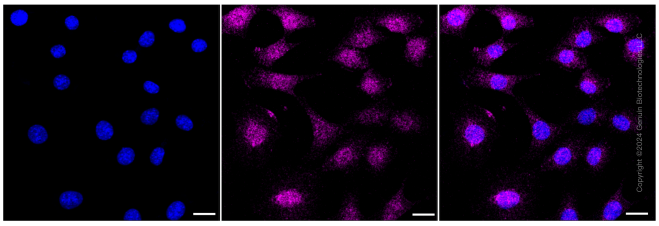
Western blotting analysis using anti-CBX2 antibody (Cat#ABG1210). CBX2 expression in wild type (WT) and CBX2 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CBX2 antibody (Cat#ABG1210, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of CBX2 expression in C2C12 cells using CBX2 antibody (Cat#ABG1210, 1:2,000). Green, isotype control; red, CBX2.

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Immunocytochemical staining of C2C12 cells with CBX2 antibody (Cat#ABG1210, 1:1,000). Nuclei were stained blue with DAPI; CBX2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.