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

KD-Validated Anti-Histone H1.0 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1012

Product Overview

Name	KD-Validated Anti-Histone H1.0 Rabbit Monoclonal Antibody
Accession(Primary)	P07305
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Histone H1.0
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 21 kDa , observed, 28 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 Immunocytochemistry (IC): 1:100-1:1,000

Target information (P07305)

Gene Name	H1-0
About Gene Symbol	H1-0 (H1.0 Linker Histone) is an epigenetic and nuclear regulatory protein involved in chromatin remodeling and epigenetics. 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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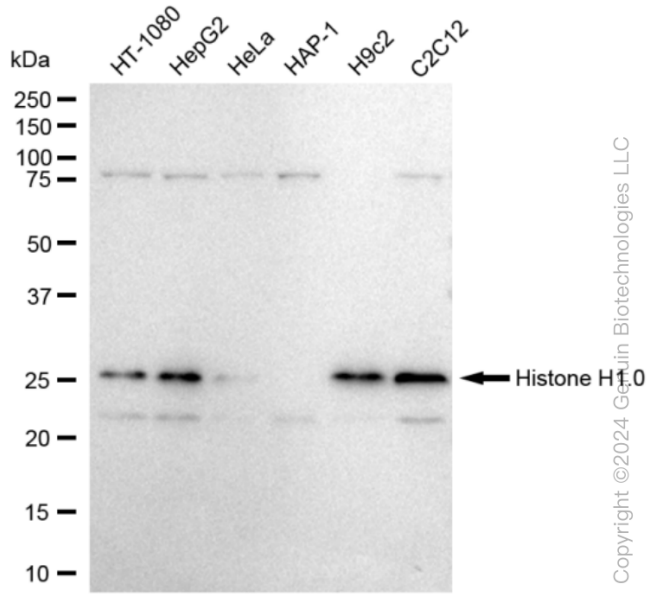

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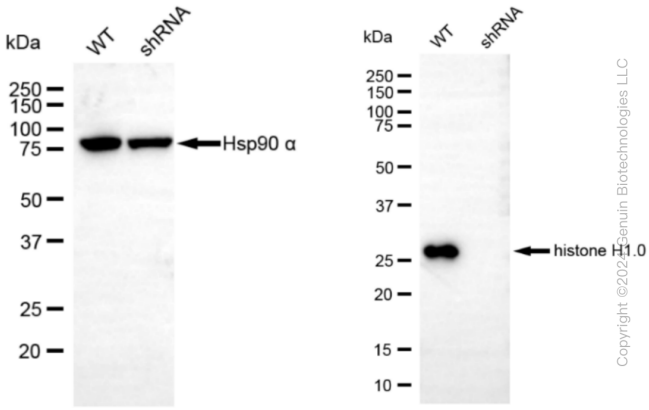
Western blotting analysis using anti-Histone H1.0 antibody (Cat#ABG1012). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Histone H1.0 antibody (Cat#ABG1012, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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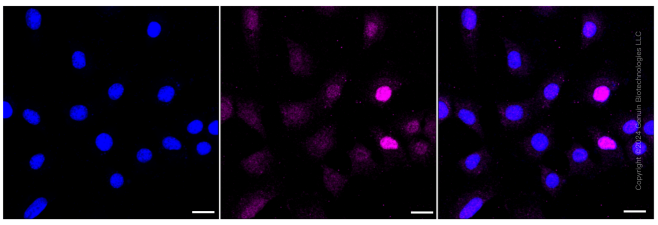
Western blotting analysis using anti-histone H1.0 antibody (Cat#ABG1012). Histone H1.0 expression in wild-type (WT) and H1-0 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-histone H1.0 antibody (Cat#ABG1012, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of C2C12 cells with Histone H1.0 antibody (Cat#ABG1012, 1:1,000). Nuclei were stained blue with DAPI; Histone H1.0 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.