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

KD-Validated Anti-Histone H3 (acetyl K56) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1439

Product Overview

Name	KD-Validated Anti-Histone H3 (acetyl K56) Rabbit Monoclonal Antibody
Accession(Primary)	P68431
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Histone H3 (acetyl K56)
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 15 kDa , observed, 15 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 (P68431)

Gene Name	H3C1
About Gene Symbol	H3C1 (H3 Clustered Histone 1) 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 el

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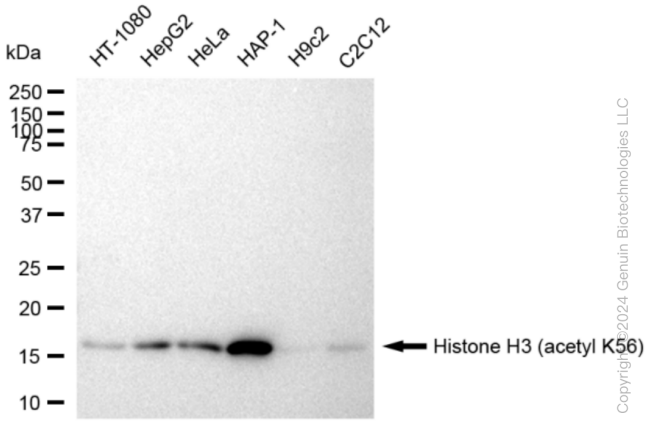

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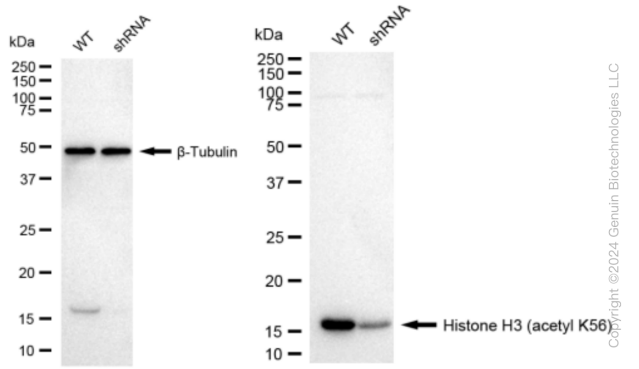
Western blotting analysis using anti-Histone H3 (acetyl K56) antibody (Cat#ABG1439). Total cell lysates (5 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Histone H3 (acetyl K56) antibody (Cat#ABG1439, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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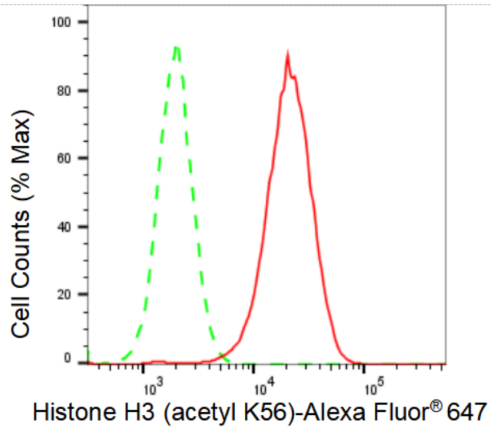
Western blotting analysis using anti-Histone H3 (acetyl K56) antibody (Cat#ABG1439). Histone H3 (acetyl K56) expression in wild type (WT) and Histone H3 (acetyl K56) shRNA knockdown (KD) HeLa cells with 5 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Histone H3 (acetyl K56) antibody (Cat#ABG1439, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Histone H3 (acetyl K56) expression in HAP-1 cells using Histone H3 (acetyl K56) antibody (Cat#ABG1439, 1:2,000). Green, isotype control; red, Histone H3 (acetyl K56).

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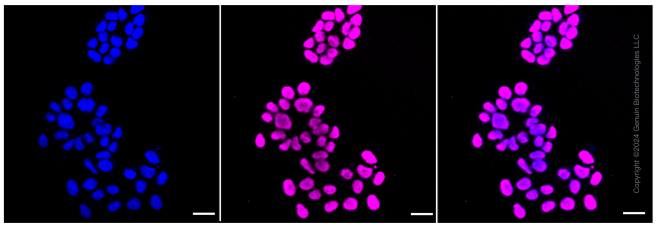

Immunocytochemical staining of HAP-1 cells with Histone H3 (acetyl K56) antibody (Cat#ABG1439, 1:1,000). Nuclei were stained blue with DAPI; Histone H3 (acetyl K56) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.