

KD-Validated Anti-HOXD9 Mouse Oligoclonal Antibody



Catalog #: 65464

Aliases

HOXD9; Homeobox D9; HOX4C; Homeobox Protein Hox-5.2; Homeobox Protein Hox-D9; Homeobox Protein Hox-4C; Homeo Box D9; HOX4; Hox-4.3, Mouse, Homolog Of; Hox-4.3; Hox-5.2

Background

Gene Name: HOXD9

NCBI Gene Entry: [3235](#)

UniProt Entry: [P28356](#)

Application Information

Molecular Weight: Predicted, 36 kDa; observed, 39 kDa

Clonality: Mouse oligoclonal antibody

Species Reactivity: Human, rat

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

Recombinant protein of human HOXD9

Isotype

Mouse IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500

Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

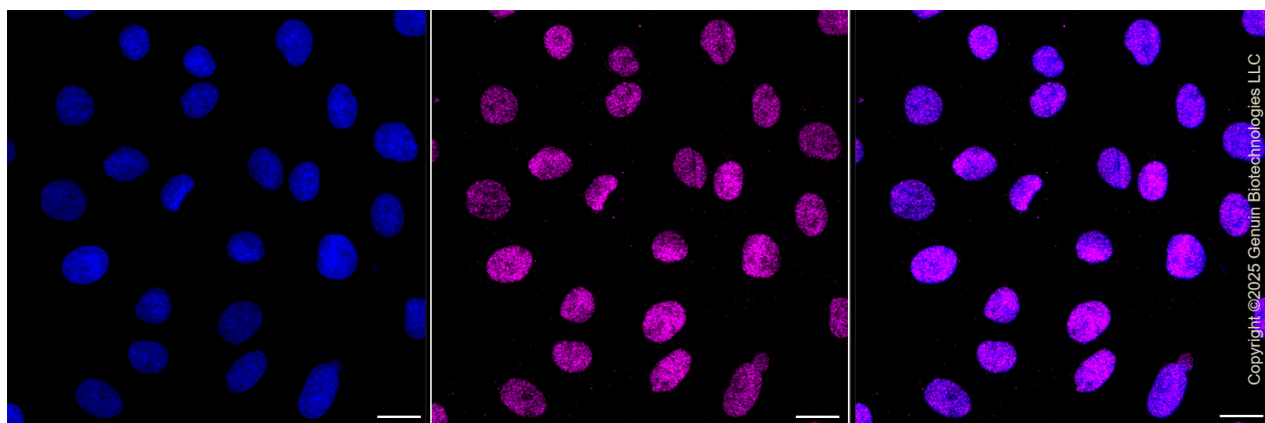
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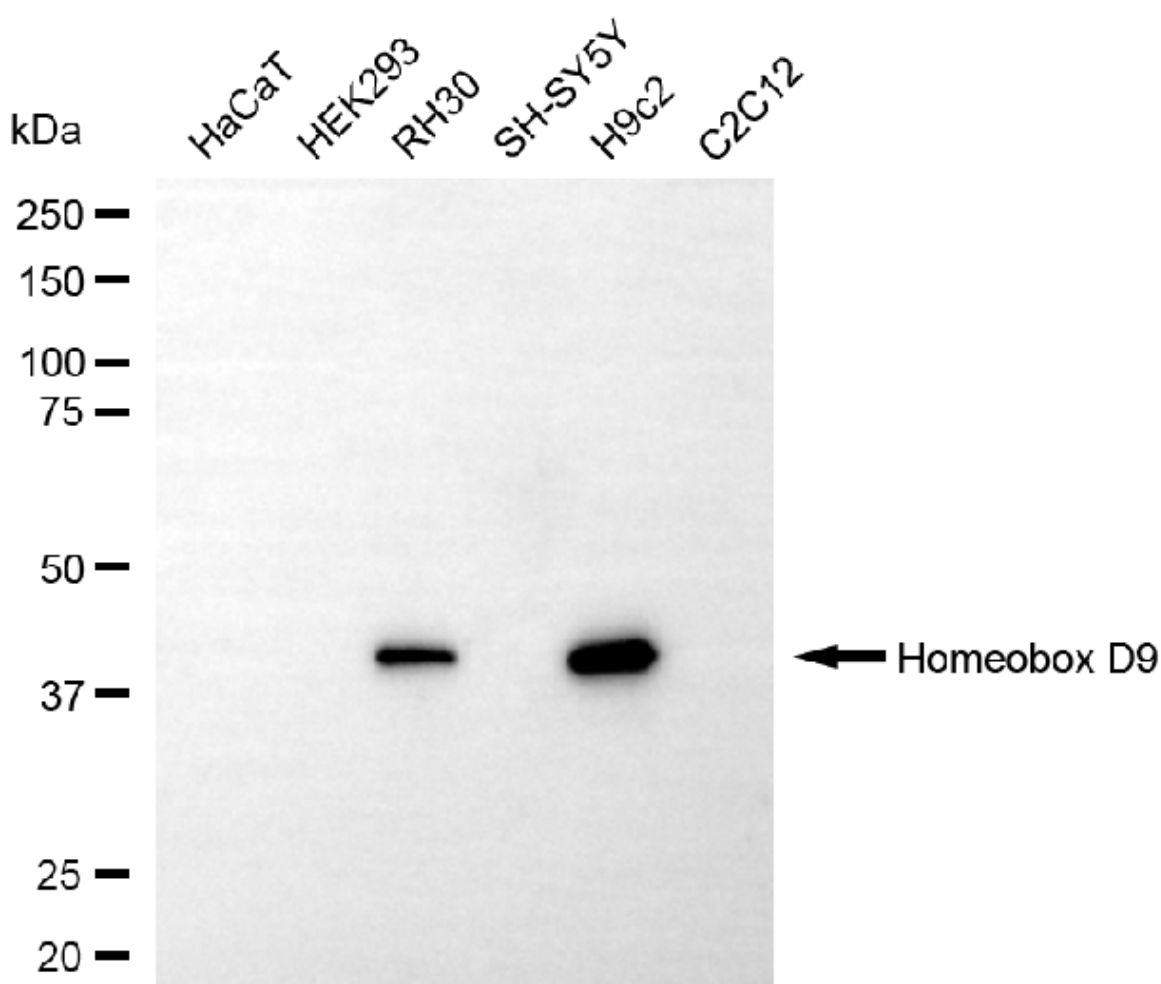
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Immunocytochemical staining of H9C2 cells with anti-Homeobox D9 antibody (Cat#65464, 1:1,000). Nuclei were stained blue with DAPI; Homeobox D9 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.

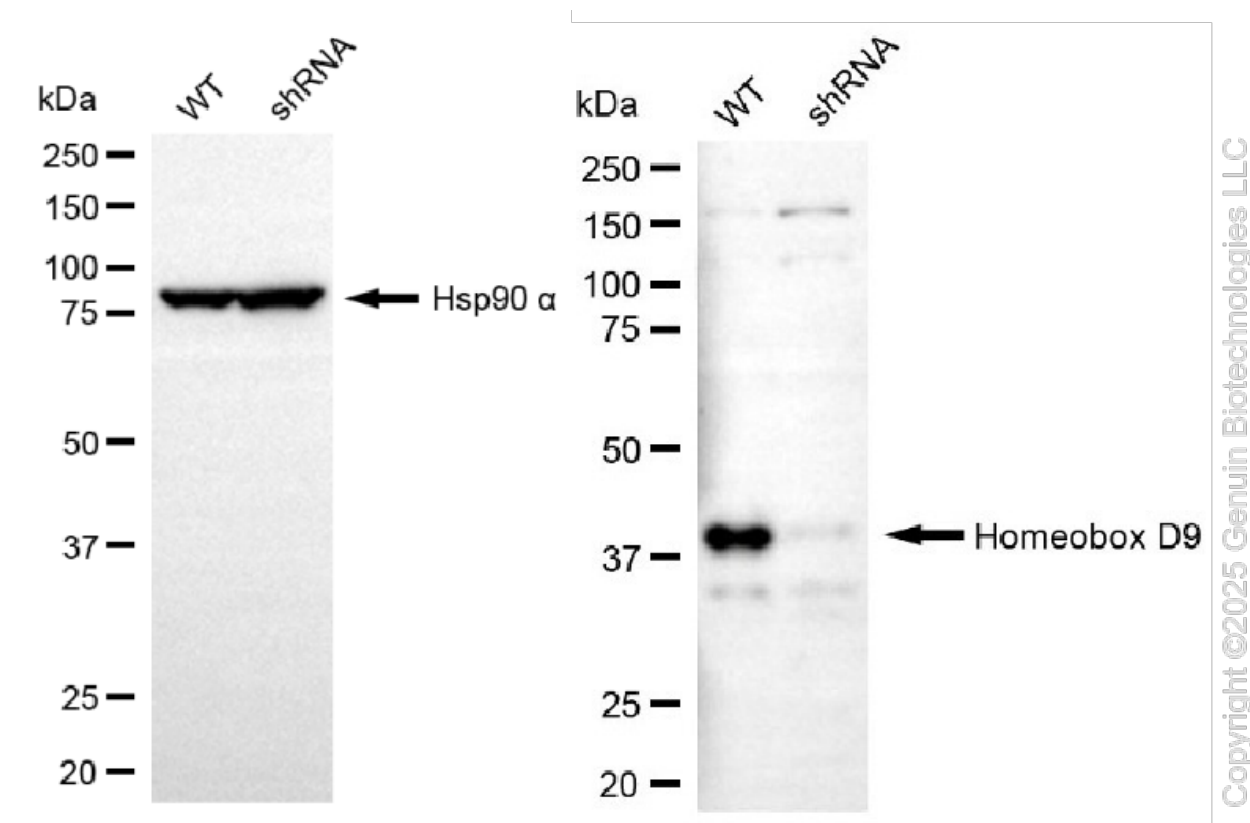


Western blotting analysis using anti-homeobox D9 antibody (Cat#65464). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with

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anti-homeobox D9 antibody (Cat#65464, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Western blotting analysis using anti-homeobox D9 antibody (Cat#65464). Homeobox D9 expression in wild-type (WT) and homeobox D9 (HOXD9) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-homeobox D9 antibody (Cat#65464, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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