

KD-Validated Anti-CAPZA1 Mouse Monoclonal Antibody



Catalog #: 63794

Aliases

CAPZA1; Capping Actin Protein Of Muscle Z-Line Subunit Alpha 1; CAPPA1; Capping Protein (Actin Filament) Muscle Z-Line, Alpha 1; Capping Actin Protein Of Muscle Z-Line Alpha Subunit 1; F-Actin-Capping Protein Subunit Alpha-1; CapZ Alpha-1; Cap Z; CAPZ; CAZ1

Background

Gene Name: CAPZA1

NCBI Gene Entry: [829](#)

UniProt Entry: [P52907](#)

Application Information

Molecular Weight: Predicted, 33 kDa; observed, 36 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB7905

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM)

Immunogen

Recombinant protein of human CAPZA1

Isotype

Mouse IgG1

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): 1:1,000-1:2,500

Flow Cytometry (FCM): 1:1,000

Note: This product is for research use only.

Validation Data

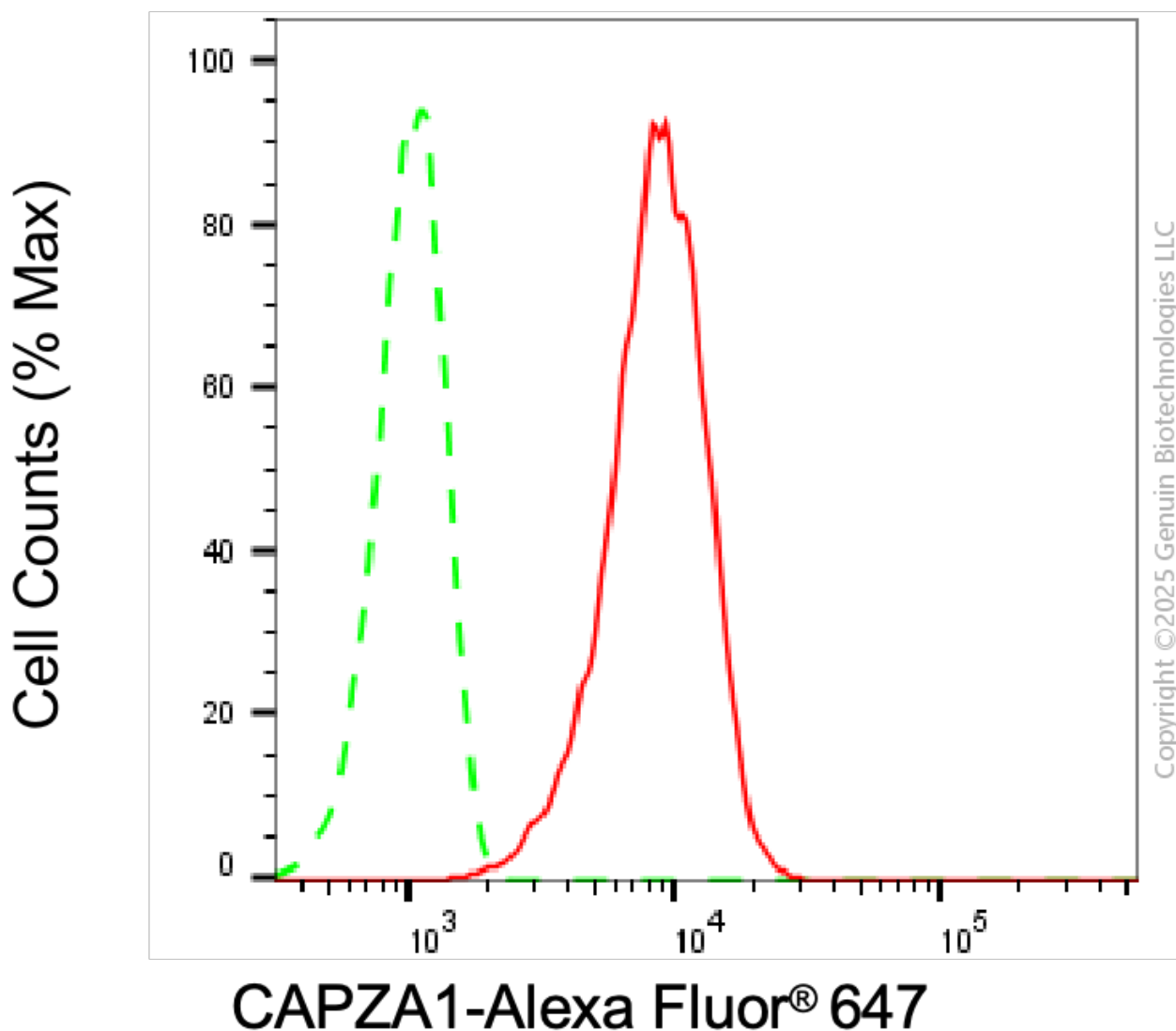
SUPPORT

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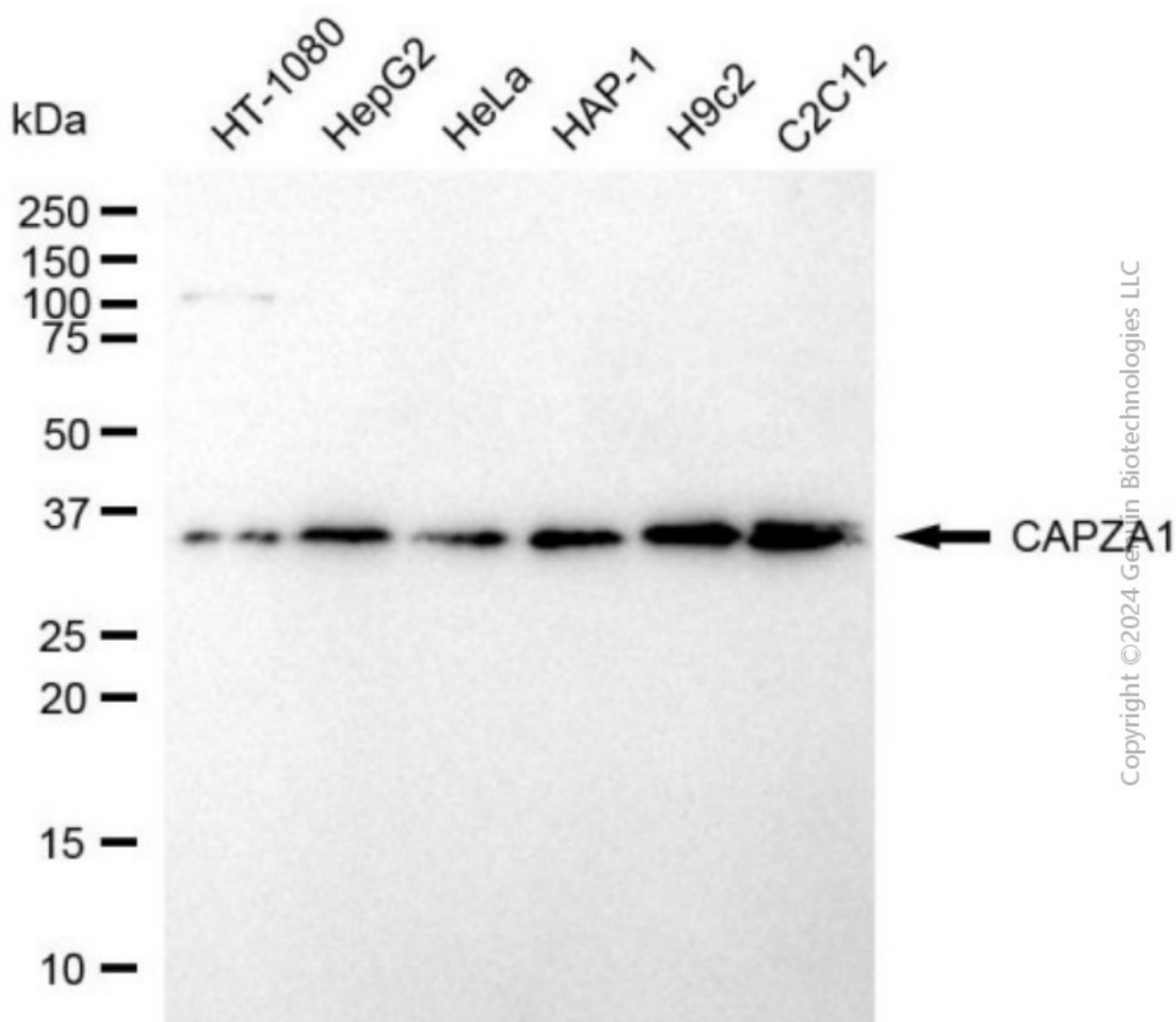
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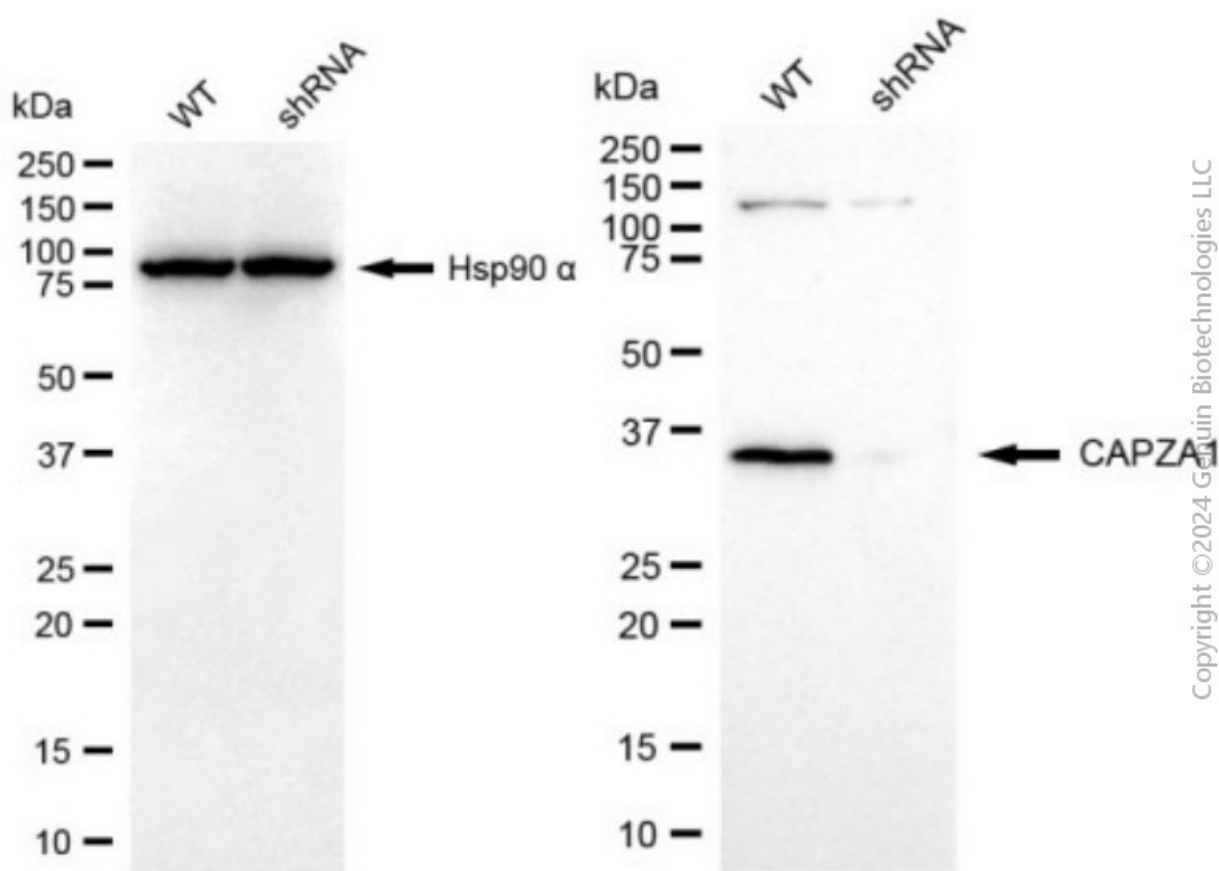


Flow cytometric analysis of CAPZA1 expression in C2C12 cells using anti-CAPZA1 antibody (Cat#63794, 1:1,000). Green, isotype control; red, CAPZA1.



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Western blotting analysis using anti-CAPZA1 antibody (Cat#63794). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CAPZA1 antibody (Cat#63794, 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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Western blotting analysis using anti-CAPZA1 antibody (Cat#63794). CAPZA1 expression in wild-type (WT) and CAPZA1 shRNA knockdown (KD) HeLa cells with 40 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CAPZA1 antibody (Cat#63794, 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).