9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-CAPZA1 Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG2006

Product Overview

Name	KD-Validated Anti-CAPZA1 Mouse Monoclonal Antibody
Accession(Primary)	P52907
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human CAPZA1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 33 kDa, observed, 36 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500 Flow Cytometry (FCM): 1:1,000

Target information (P52907)

Gene Name	CAPZA1
About Gene Symbol	CAPZA1 (Capping Actin Protein Of Muscle Z-Line Subunit Alpha 1) is a structural cytoskeletal protein involved in cytoskeletal organization. It is an important research target in cell biology, cancer metastasis, and cytoskeletal research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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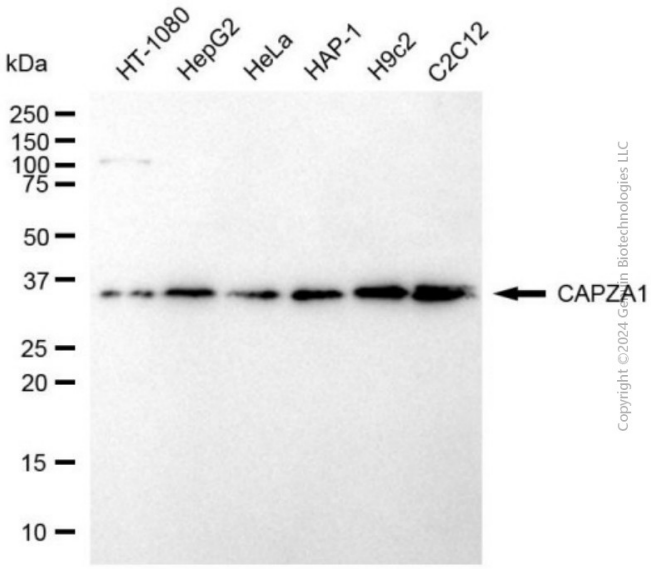
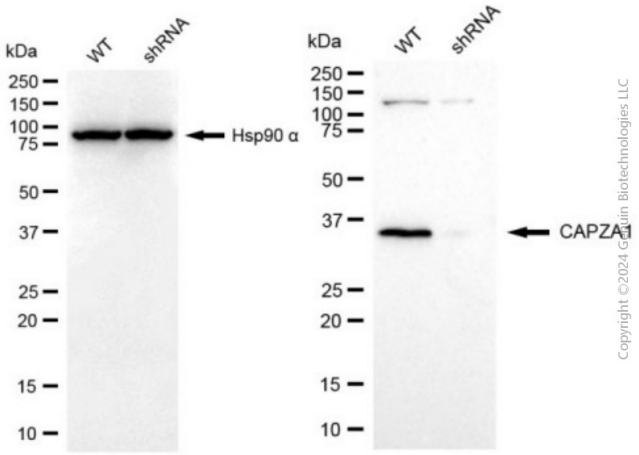
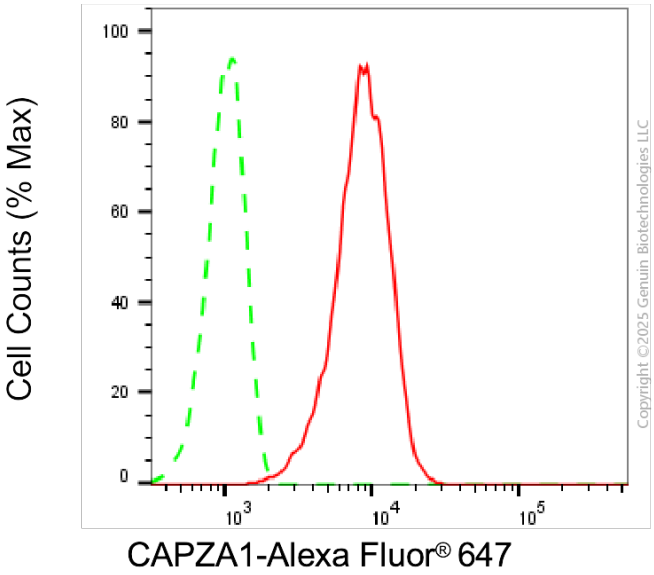


Western blotting analysis using anti-CAPZA1 antibody (Cat#ABG2006). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CAPZA1 antibody (Cat#ABG2006, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-CAPZA1 antibody (Cat#ABG2006). CAPZA1 expression in wild-type (WT) and CAPZA1 shRNA knockdown (KD) HeLa cells with 40 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CAPZA1 antibody (Cat#ABG2006, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Flow cytometric analysis of CAPZA1 expression in C2C12 cells using anti-CAPZA1 antibody (Cat#ABG2006, 1:1,000). Green, isotype control; red, CAPZA1.

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