

KD-Validated Anti-CAPG Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

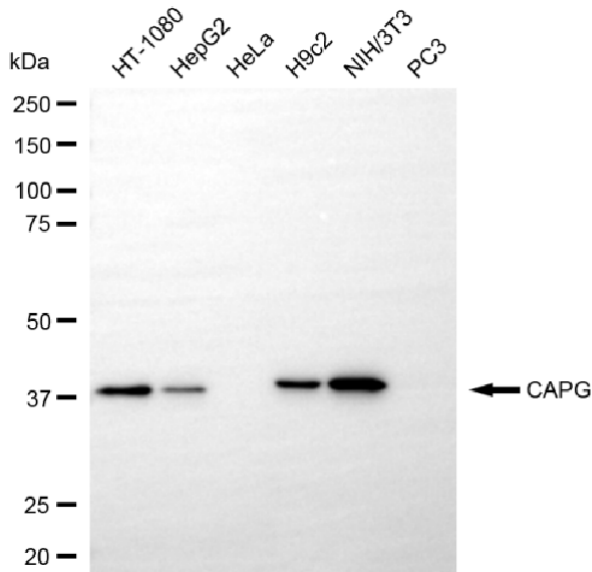
ABG1351

Product Overview

Name	KD-Validated Anti-CAPG Rabbit Monoclonal Antibody
Accession(Primary)	P40121
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CAPG
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 38 kDa; observed, 38 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

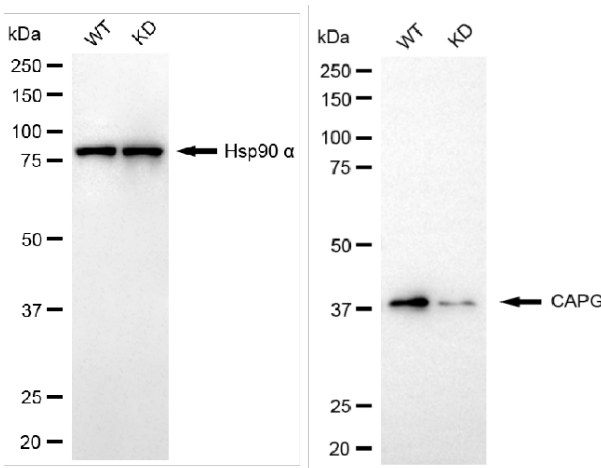
Target information (P40121)

Gene Name	CAPG
About Gene Symbol	CAPG (Capping Actin Protein, Gelsolin Like) 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.



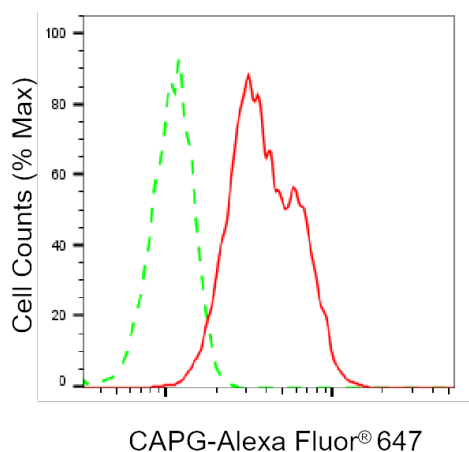
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Western blotting analysis using anti-CAPG antibody (Cat#ABG1351). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CAPG antibody (Cat#ABG1351, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



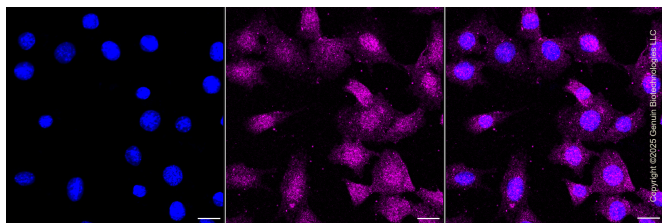
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Western blotting analysis using anti-CAPG antibody (Cat#ABG1351). CAPG expression in wild-type (WT) and CAPG knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CAPG antibody (Cat#ABG1351, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of CAPG expression in C2C12 cells using anti-CAPG antibody (Cat#ABG1351, 1:2,000). Green, isotype control; red, CAPG.



Immunocytochemical staining of C2C12 cells with anti-CAPG antibody (Cat#ABG1351, 1:1,000).

Nuclei were stained blue with DAPI; CAPG 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.