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

KD-Validated Anti-Arp3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2347

Product Overview

Name	KD-Validated Anti-Arp3 Rabbit Monoclonal Antibody
Accession(Primary)	P61158
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ACTR3
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 47 kDa; Observed, 47 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 (P61158)

Gene Name	ACTR3
About Gene Symbol	ACTR3 (Actin Related Protein 3) 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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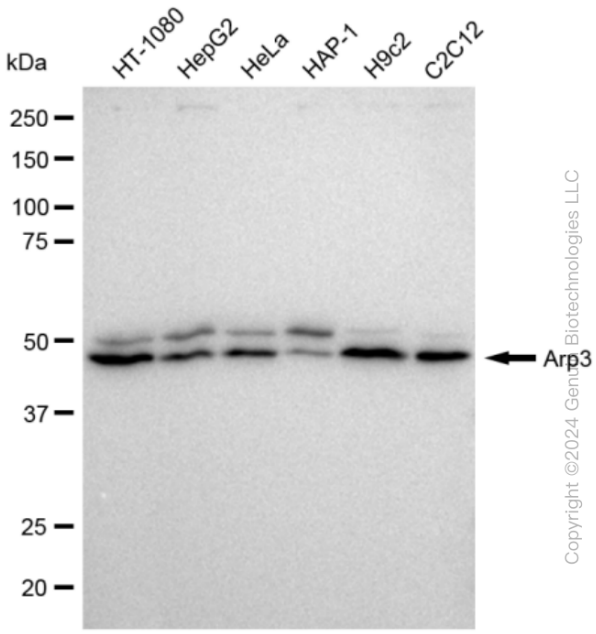
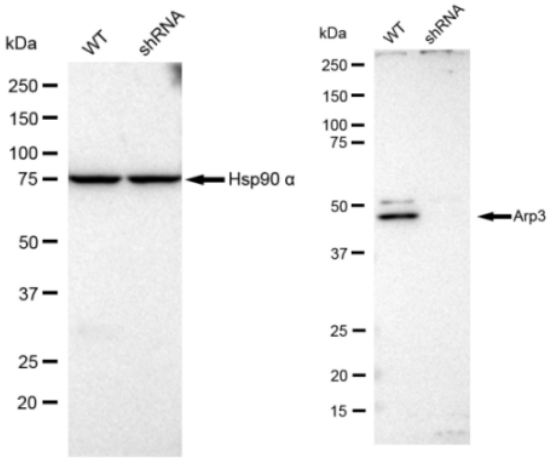
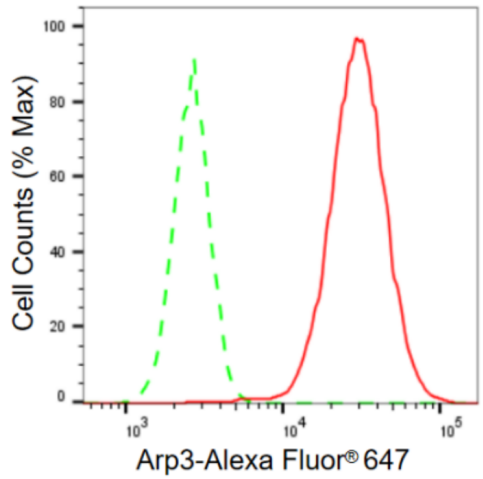


Western blotting analysis using anti-Arp3 antibody (Cat#ABG2347). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Arp3 antibody (Cat#ABG2347, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Arp3 antibody (Cat#ABG2347). Arp3 expression in wild type (WT) and Arp3 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Arp3 antibody (Cat#ABG2347, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Arp3 expression in C2C12 cells using Arp3 antibody (Cat#ABG2347, 1:2,000). Green, isotype control; red, Arp3.

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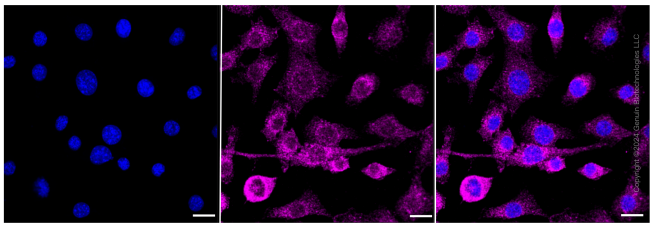

Immunocytochemical staining of C2C12 cells with Arp3 antibody (Cat#ABG2347, 1:1,000). Nuclei were stained blue with DAPI; Arp3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.