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

KD-Validated Anti-Actin like 6A Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2348

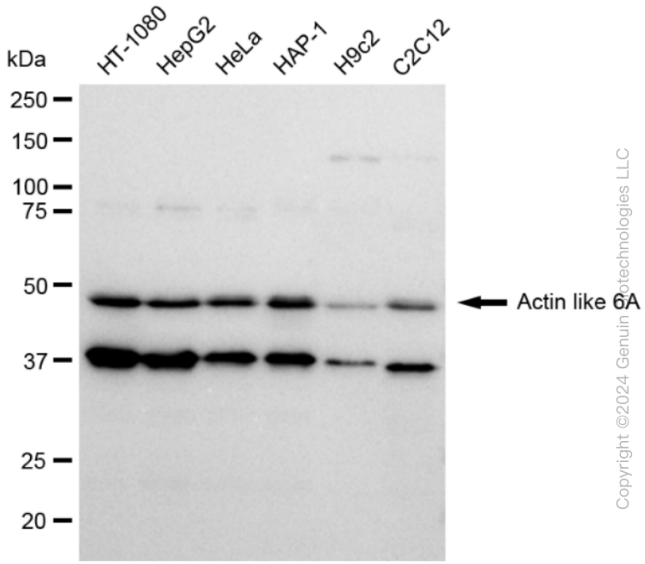
Product Overview

Name	KD-Validated Anti-Actin like 6A Rabbit Monoclonal Antibody
Accession(Primary)	O96019
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ACTL6A
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 4 7 kDa ; Observed, 4 7 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 (O96019)

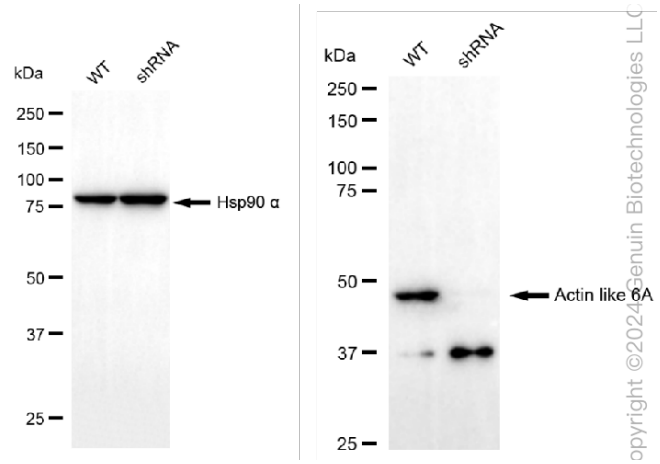
Gene Name	ACTL6A
About Gene Symbol	ACTL6A (Actin Like 6A) is a structural cytoskeletal protein involved in cytoskeletal organization. It is an important research target in cell biology, cancer metastasis, and cytoskeletal research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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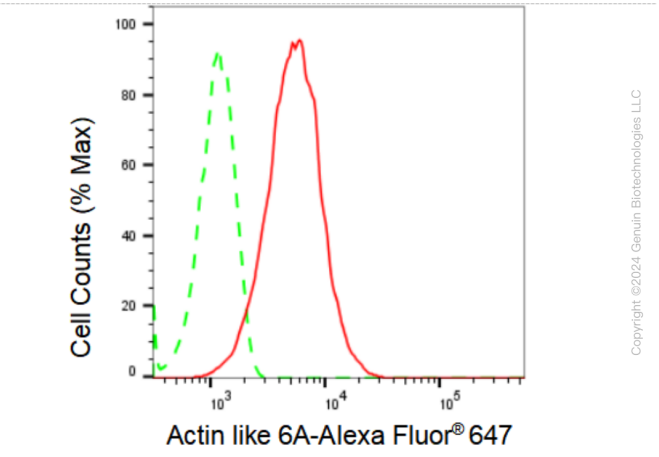
Western blotting analysis using anti-Actin like 6A antibody (Cat#ABG2348). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Actin like 6A antibody (Cat#ABG2348, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Western blotting analysis using anti-Actin like 6A antibody (Cat#ABG2348). Actin like 6A expression in wild type (WT) and actin like 6A shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Actin like 6A antibody (Cat#ABG2348, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

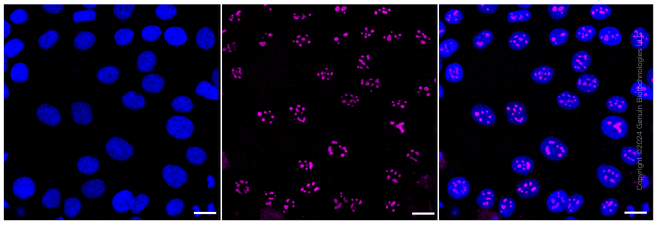
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Flow cytometric analysis of Actin like 6A expression in HepG2 cells using Actin like 6A antibody (Cat#ABG2348, 1:2,000). Green, isotype control; red, Actin like 6A.

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Immunocytochemical staining of HT-1080 cells with Actin like 6A antibody (Cat#ABG2348, 1:1,000). Nuclei were stained blue with DAPI; Actin like 6A 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.