9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

KD-Validated Anti-Activin A Receptor Like Type 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1331

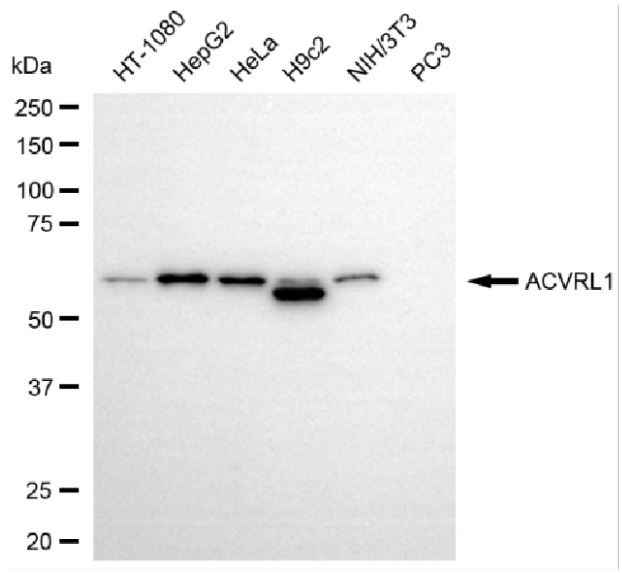
Product Overview

Name	KD-Validated Anti-Activin A Receptor Like Type 1 Rabbit Monoclonal Antibody
Accession(Primary)	P37023
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ACVRL1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 56 kDa; observed, 63 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (P37023)

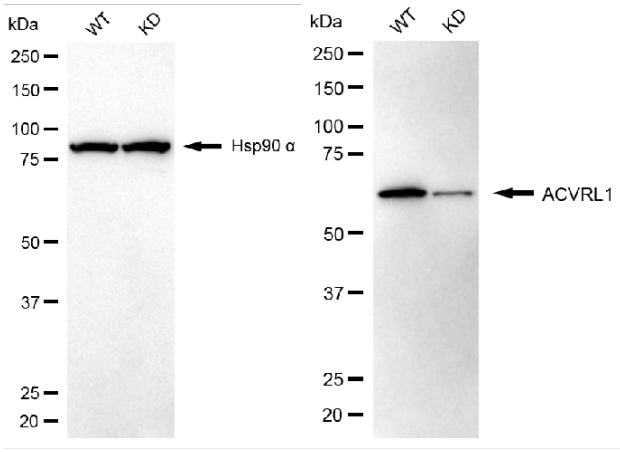
Gene Name	ACVRL1
About Gene Symbol	ACVRL1 (Activin A Receptor Like Type 1) is a serine/threonine protein kinase involved in TGF-β signaling. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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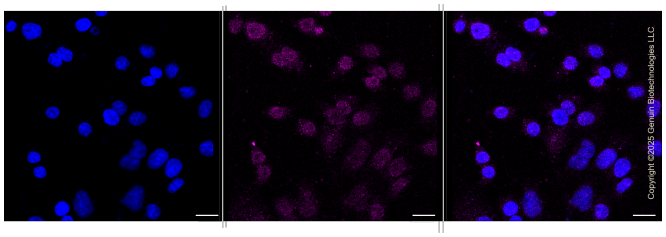
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Western blotting analysis using anti-ACVRL1 antibody (Cat#ABG1331). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ACVRL1 antibody (Cat#ABG1331, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-ACVRL1 antibody (Cat#ABG1331). ACVRL1 expression in wild type (WT) and ACVRL1 knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-ACVRL1 antibody (Cat#ABG1331, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HepG2 cells with anti-ACVRL1 antibody (Cat#ABG1331, 1:1,000). Nuclei were stained blue with DAPI; ACVRL1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 µm.