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

KD-Validated Anti-PRKAG1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1320

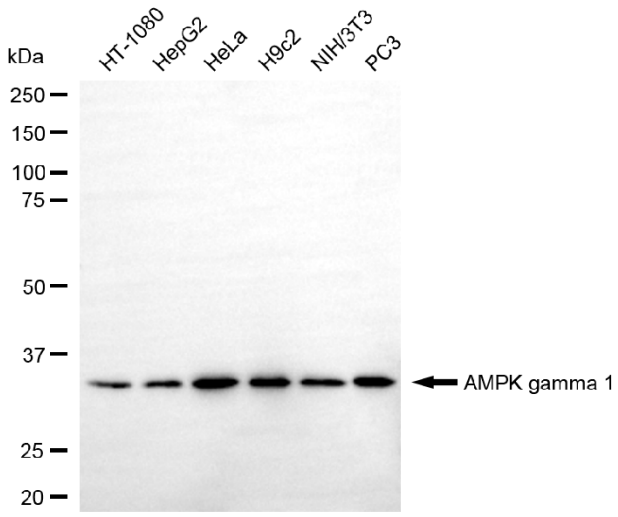
Product Overview

Name	KD-Validated Anti-PRKAG1 Rabbit Monoclonal Antibody
Accession(Primary)	P54619
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human AMPK gamma 1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 38 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): 1:1,000-1:5,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (P54619)

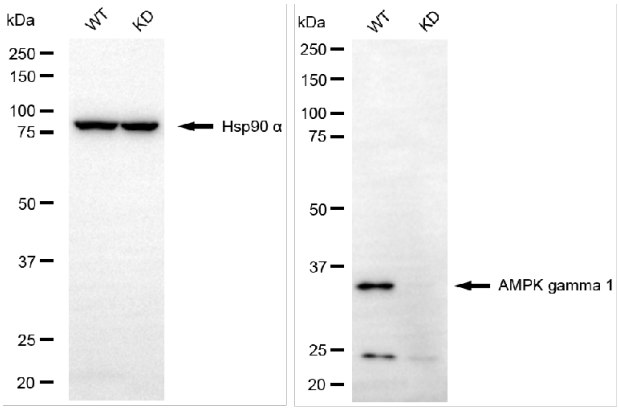
Gene Name	PRKAG1
About Gene Symbol	PRKAG1 (Protein Kinase AMP-Activated Non-Catalytic Subunit Gamma 1) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and

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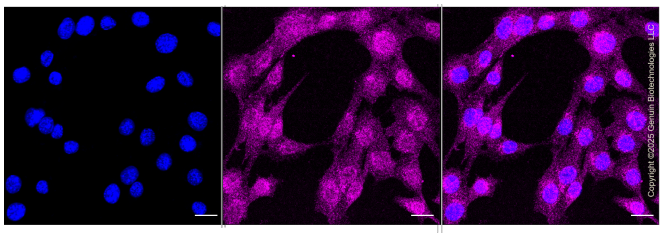
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Western blotting analysis using anti-AMPK gamma 1 antibody (Cat#ABG1320). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-AMPK gamma 1 antibody (Cat#ABG1320, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-AMPK gamma 1 antibody (Cat#ABG1320). AMPK gamma 1 expression in wild-type (WT) and PRKAG1 knockdown (KD) HSHC cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-AMPK gamma 1 antibody (Cat#ABG1320, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of C2C12 cells with anti-AMPK gamma 1 antibody (Cat#ABG1320, 1:1,000). Nuclei were stained blue with DAPI; AMPK gamma 1 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.