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

KD-Validated Anti-PRAS40 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2190

Product Overview

Name	KD-Validated Anti-PRAS40 Rabbit Monoclonal Antibody
Accession(Primary)	Q96B36
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PRAS40
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 27 kDa , observed, 40 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 (Q96B36)

Gene Name	AKT1S1
About Gene Symbol	AKT1S1 (AKT1 Substrate 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 is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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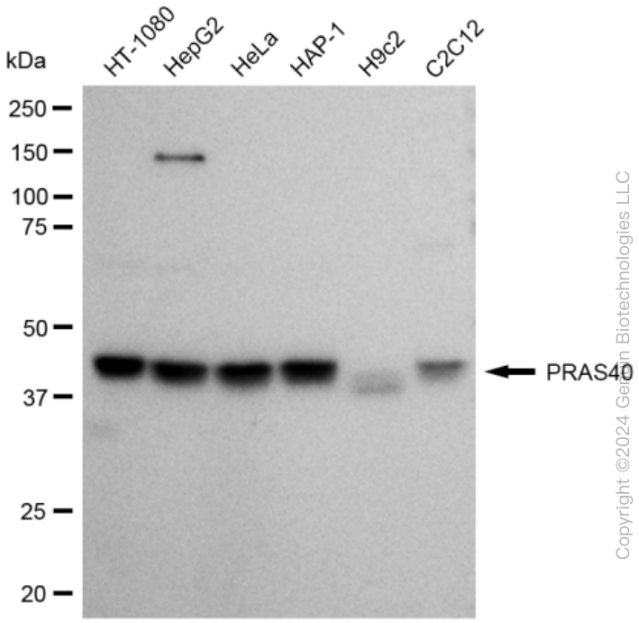

Western blotting analysis using anti-PRAS40 antibody (Cat#ABG2190). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-pPRAS40 antibody (Cat#ABG2190, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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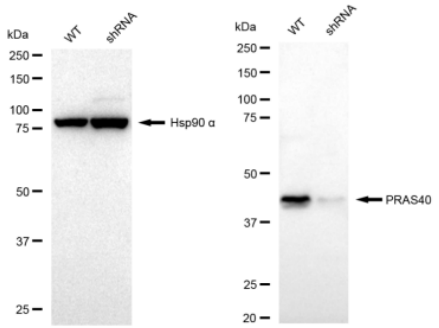

Western blotting analysis using anti-PRAS40 antibody (Cat#ABG2190). PRAS40 expression in wild type (WT) and PRAS40 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PRAS40 antibody (Cat#ABG2190, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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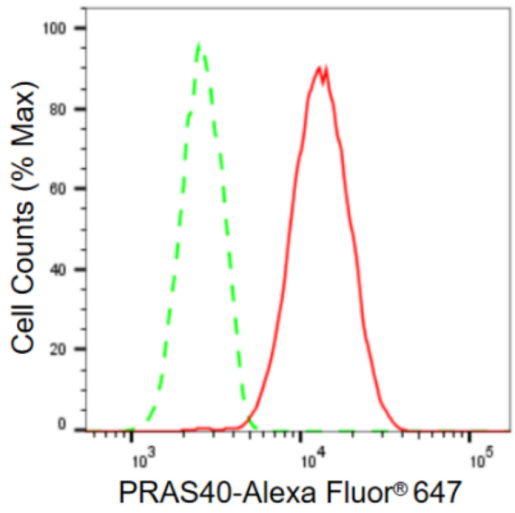

Flow cytometric analysis of PRAS40 expression in HT-1080 cells using PRAS40 antibody (Cat#ABG2190, 1:2,000). Green, isotype control; red, PRAS40.

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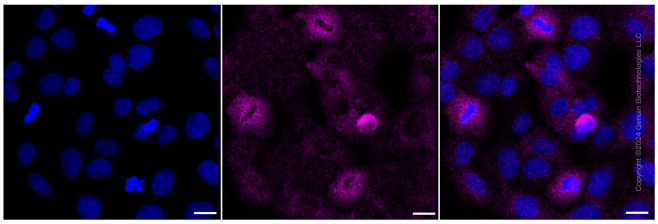

Immunocytochemical staining of HT-1080 cells with PRAS40 antibody (Cat#ABG2190, 1:1,000). Nuclei were stained blue with DAPI; PRAS40 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.