9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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KD-Validated Anti-PRKRA Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2320

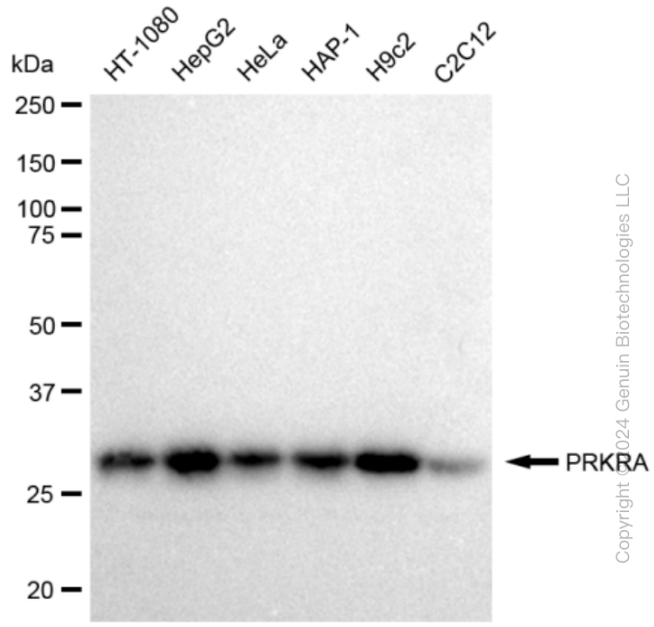
Product Overview

Name	KD-Validated Anti-PRKRA Rabbit Monoclonal Antibody
Accession(Primary)	O75569
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PRKRA
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 34 kDa ; Observed, 34 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 Immunocytochemistry (IC): 1:100-1:1,000

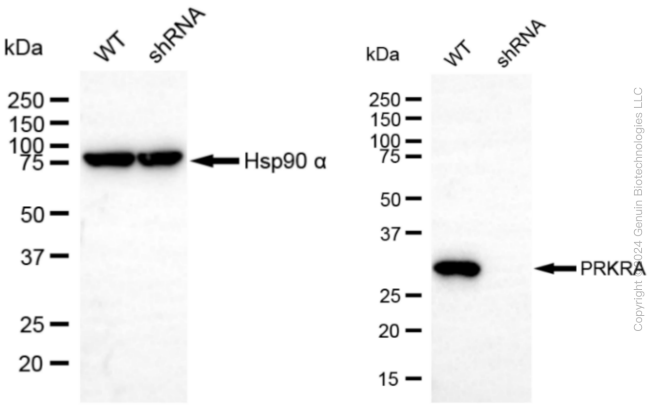
Target information (O75569)

Gene Name	PRKRA
About Gene Symbol	PRKRA (Protein Activator Of Interferon Induced Protein Kinase EIF2AK2) is a cytokine and immune signaling protein involved in JAK-STAT/cytokine signaling and innate immune 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.

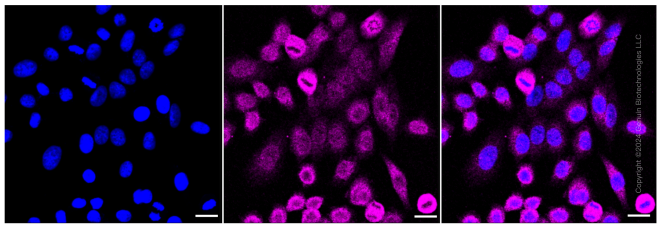
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Western blotting analysis using anti-PRKRA antibody (Cat#ABG2320). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PRKRA antibody (Cat#ABG2320, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-PRKRA antibody (Cat#ABG2320). PRKRA expression in wild type (WT) and PRKRA 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-PRKRA antibody (Cat#ABG2320, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HepG2 cells with PRKRA antibody (Cat#ABG2320, 1:1,000). Nuclei were stained blue with DAPI; PRKRA 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.