

KD-Validated Anti-PRKRA Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

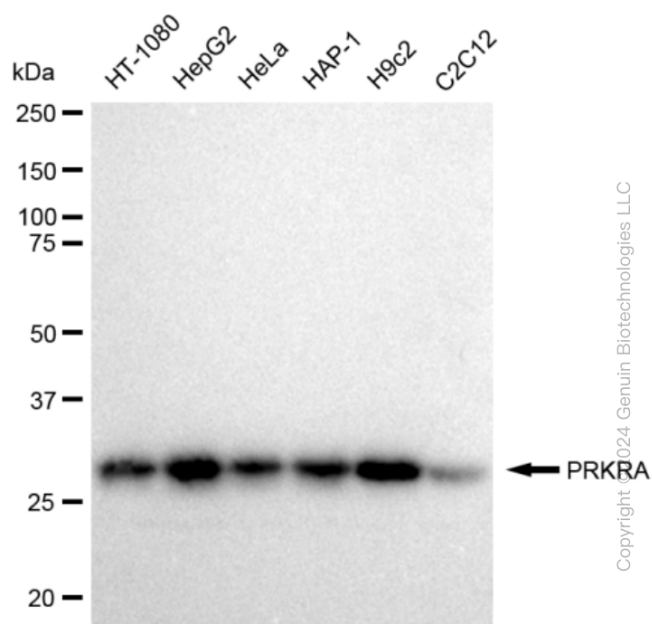
ABG2320

Product Overview

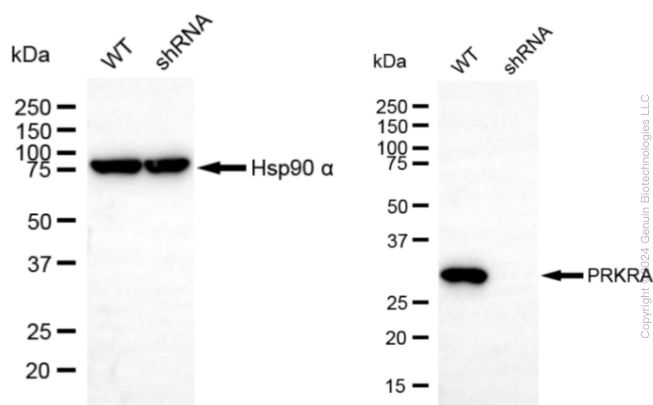
Name	KD-Validated Anti-PRKRA Rabbit Monoclonal Antibody
Accession(Primary)	O75569
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PRKRA
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 34 kDa ; Observed, 34 kDa
Storage Buffer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

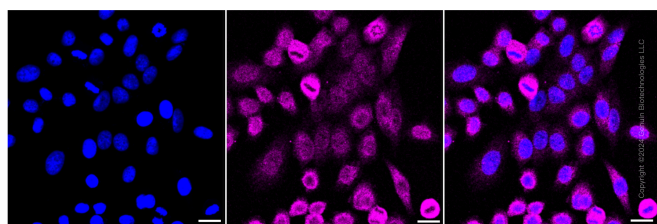
Gene Name	PRKRA
About Gene Symbol	PRKRA (Protein Activator Of Interferon Induced Protein Kinase EIF2AK2) is a cytokine and immune signaling protein involved in JAK-STAT/cytokine signaling and innate immune signaling. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



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.