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

# KD-Validated Anti-Phospho-PKC alpha (Ser657) Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

ABG2362

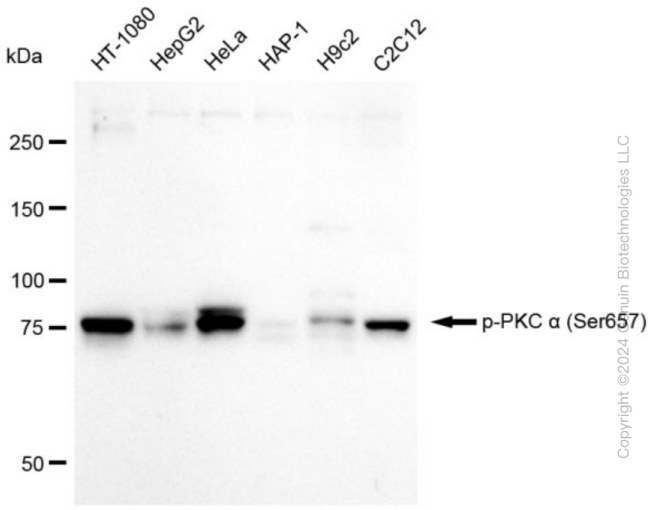
## Product Overview

| | |
|---|---|
| **Name** | KD-Validated Anti-Phospho-PKC alpha (Ser657) Rabbit Monoclonal Antibody |
| **Accession(Primary)** | P17252 |
| **Host Species** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype** | Rabbit IgG |
| **Immunogen** | A synthesized peptide derived from human Phospho-PKC alpha (Ser657) |
| **Species Reactivity** | Human, Mouse, Rat |
| **Calculated MW** | Predicted , 77 kDa ; Observed , 80 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 (P17252)

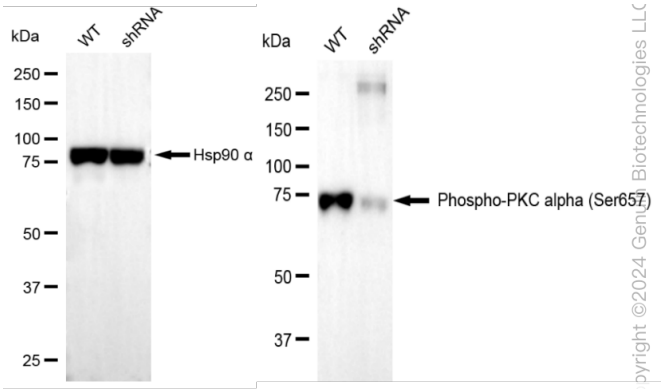
| | |
|---|---|
| **Gene Name** | PRKCA |
| **About Gene Symbol** | PRKCA (Protein Kinase C Alpha) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in aging research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |

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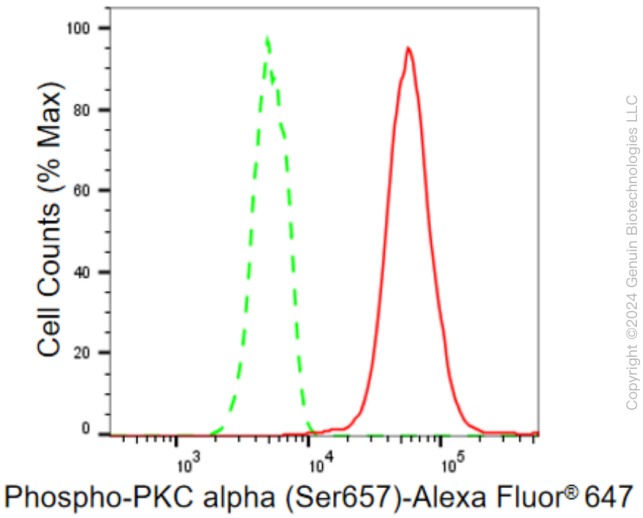

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Western blotting analysis using anti-Phospho-PKC alpha (Ser657) antibody (Cat#ABG2362). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-PKC alpha (Ser657) antibody (Cat#ABG2362, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.




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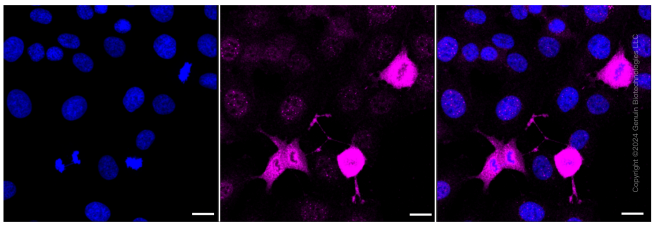
Western blotting analysis using anti-Phospho-PKC alpha (Ser657) antibody (Cat#ABG2362). Phospho-PKC alpha (Ser657) expression in wild type (WT) and Phospho-PKC alpha (Ser657) shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Phospho-PKC alpha (Ser657) antibody (Cat#ABG2362, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.




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Flow cytometric analysis of Phospho-PKC alpha (Ser657) expression in HT-1080 cells using Phospho-PKC alpha (Ser657) antibody (Cat#ABG2362, 1:2,000). Green, isotype control; red, Phospho-PKC alpha (Ser657).

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Immunocytochemical staining of HT-1080 cells with Phospho-PKC alpha (Ser657) antibody (Cat#ABG2362, 1:1,000). Nuclei were stained blue with DAPI; Phospho-PKC alpha (Ser657) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.