

Anti-Peptidylprolyl Isomerase A Recombinant Rabbit Monoclonal Antibody



Catalog #: 4307

Aliases

Peptidylprolyl Isomerase A; CYPA; Peptidyl-Prolyl Cis-Trans Isomerase A; Cyclosporin A-Binding Protein; Cyclophilin A; Rotamase A; EC 5.2.1.8; PPIase A; Epididymis Secretory Sperm Binding Protein Li 69p; Peptidylprolyl Isomerase A (Cyclophilin A); T Cell Cyclophilin; HEL-S-69p; CYPH

Background

Gene Name: PPIA

NCBI Gene Entry: [5478](#)

UniProt Entry: [P62937](#)

Application Information

Molecular Weight: Predicted, 18 kDa; observed, 18 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB10565

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Cyclophilin A

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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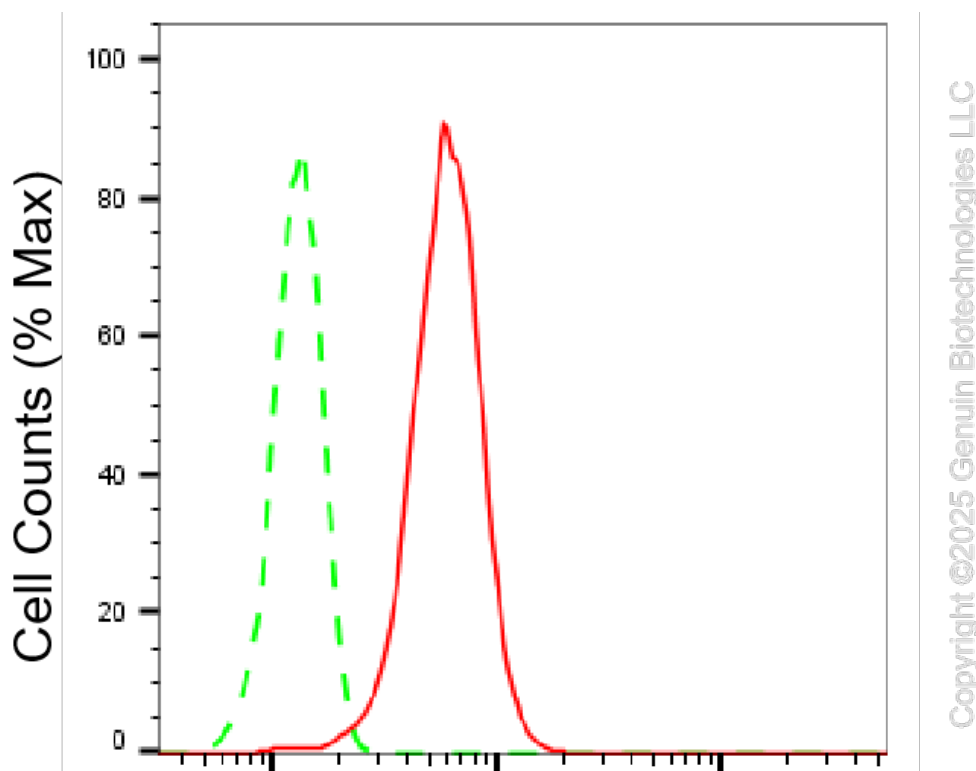
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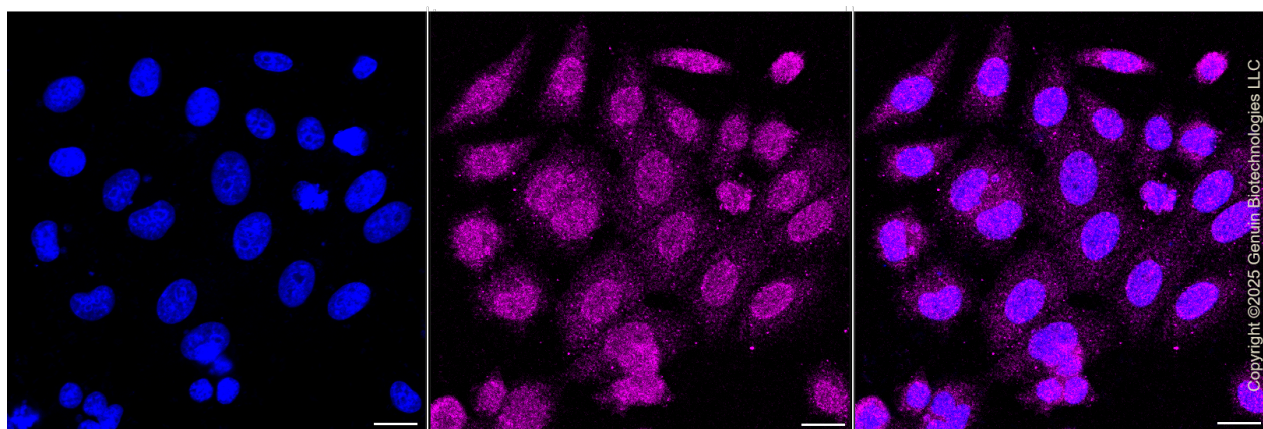
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Validation Data



Peptidylprolyl isomerase A-Alexa Fluor® 647

Flow cytometric analysis of Peptidylprolyl isomerase A expression in HepG2 cells using anti-Peptidylprolyl isomerase A antibody (Cat#4307, 1:2,000). Green, isotype control; red, Peptidylprolyl isomerase A.



Immunocytochemical staining of HepG2 cells with anti-Peptidylprolyl isomerase A antibody (Cat#4307, 1:1,000). Nuclei were stained blue with DAPI; Peptidylprolyl isomerase A was stained

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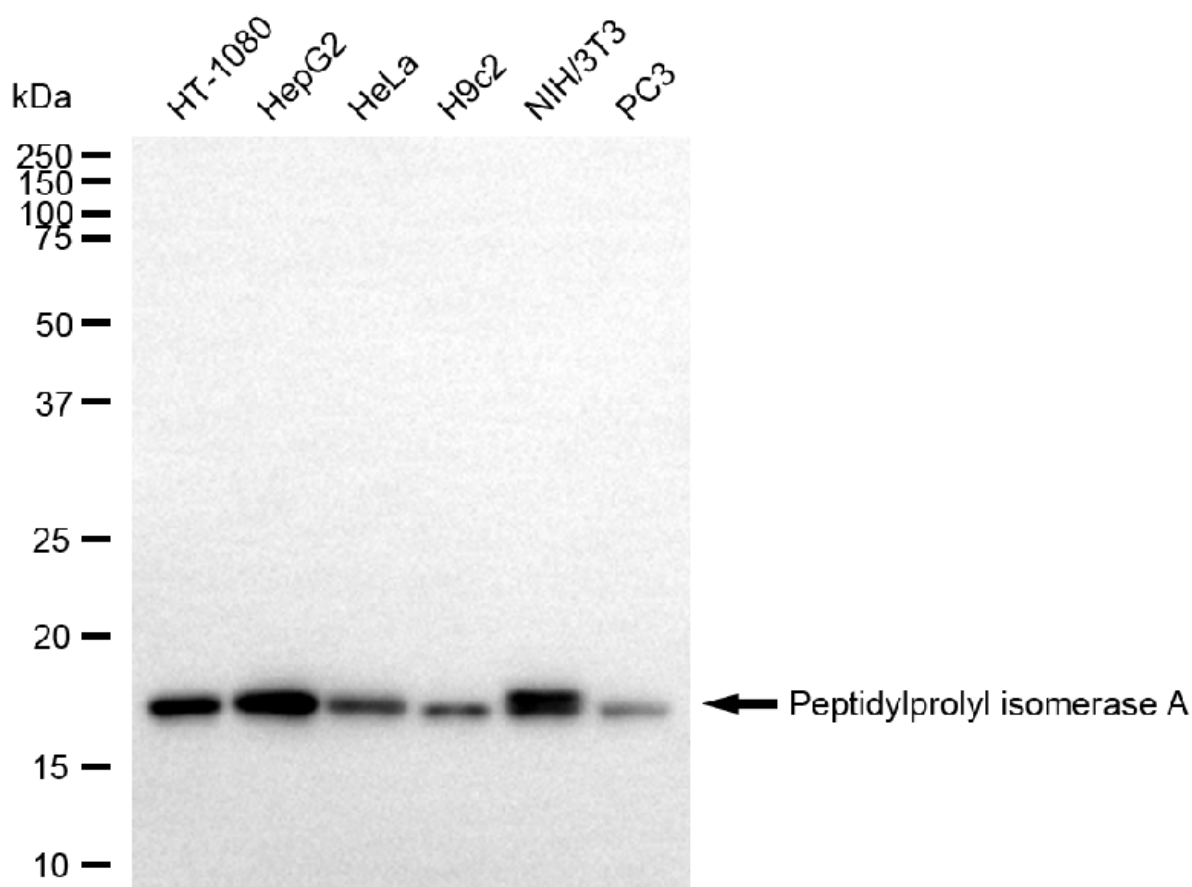
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magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 μ m.



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Western blotting analysis using anti-peptidylprolyl isomerase A antibody (Cat#4307). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-peptidylprolyl isomerase A antibody (Cat#4307, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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