

Anti-Poly(A) Binding Protein Nuclear 1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 4317

Aliases

Poly(A) Binding Protein Nuclear 1; PAB2 ; PABP2; Polyadenylate-Binding Protein 2; PABP-2; PABII; OPMD; Polyadenylate-Binding Nuclear Protein 1; Poly(A)-Binding Protein, Nuclear 1; Poly(A) Binding Protein, Nuclear 1; Nuclear Poly(A)-Binding Protein 1; Poly(A) Binding Protein II; Poly(A)-Binding Protein II; Poly(A) Binding Protein 2; Poly(A)-Binding Protein 2

Background

Gene Name: PABPN1

NCBI Gene Entry: [8106](#)

UniProt Entry: [Q86U42](#)

Application Information

Molecular Weight: Predicted, 33 kDa; observed, 49 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB10615

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human PABPN1

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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TEL: +1-540-855-7041

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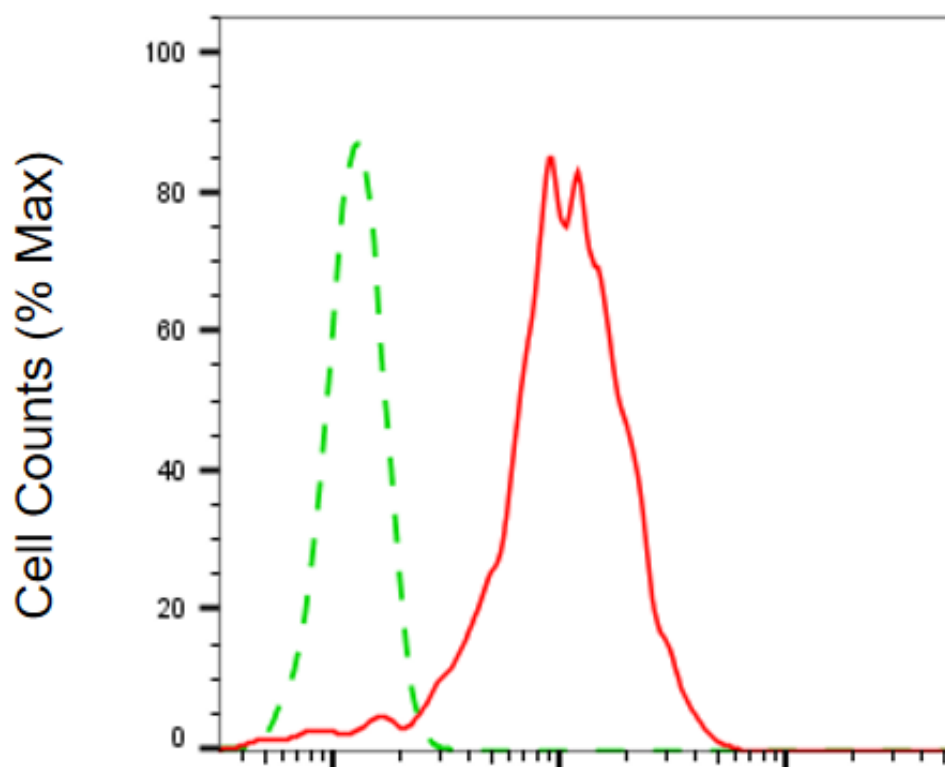
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Note: This product is for research use only.

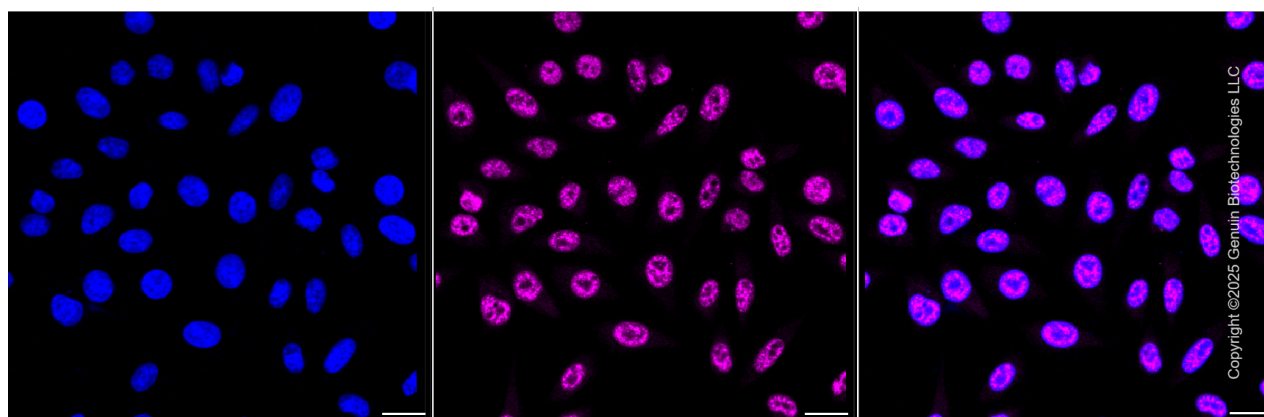
Validation Data



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PABPN1-Alexa Fluor® 647

Flow cytometric analysis of PABPN1 expression in HepG2 cells using anti-PABPN1 antibody (Cat#4317, 1:2,000). Green, isotype control; red, PABPN1.



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Immunocytochemical staining of HeLa cells with anti-PABPN1 antibody (Cat#4317, 1:1,000).

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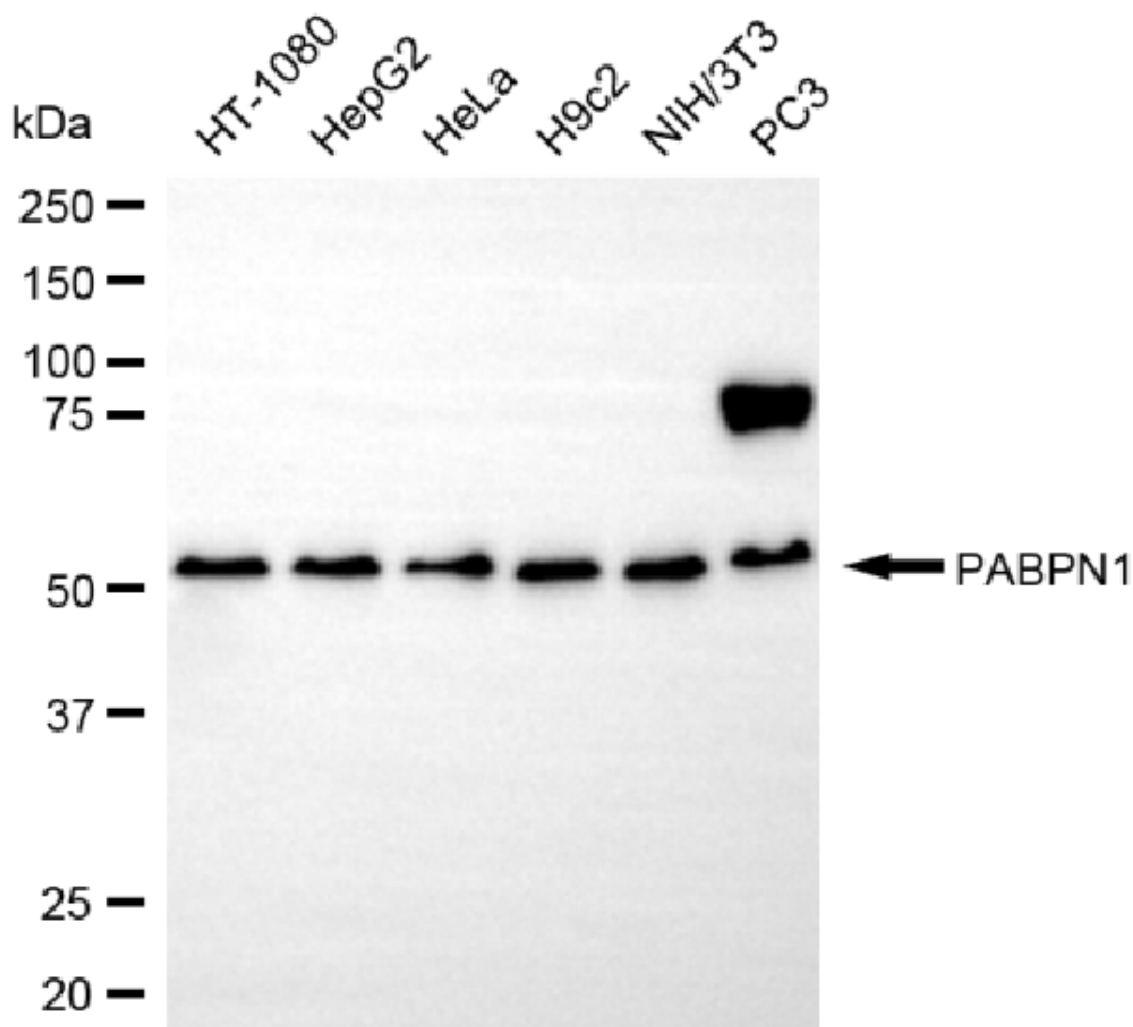
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Nuclei were stained blue with DAPI; PABPN1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20 μ m.



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Western blotting analysis using anti-PABPN1 antibody (Cat#4317). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PABPN1 antibody (Cat#4317, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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