9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Poly(A) Binding Protein Nuclear 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1603

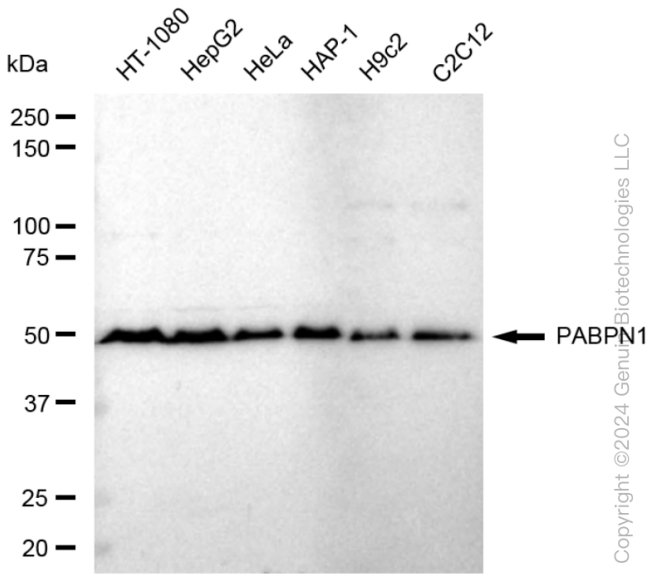
Product Overview

Name	KD-Validated Anti-Poly(A) Binding Protein Nuclear 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q86U42
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PABPN1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 33 kDa , observed , 49 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): 1:100-1:1,000

Target information (Q86U42)

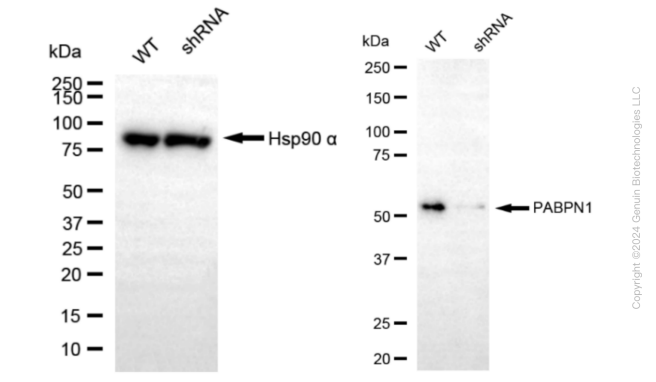
Gene Name	PABPN1
About Gene Symbol	PABPN1 (Poly(A) Binding Protein Nuclear 1) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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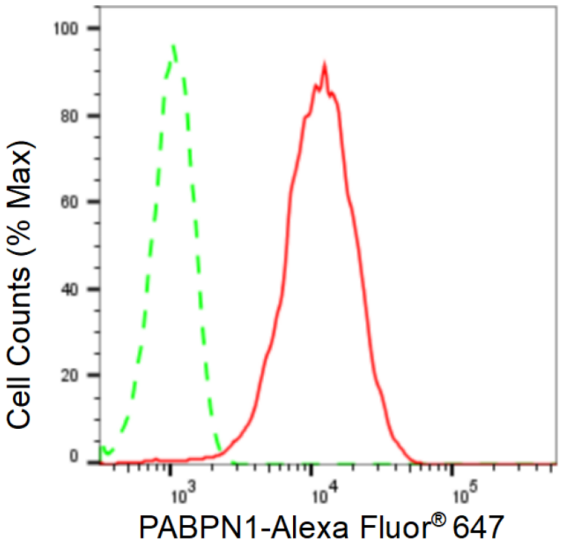
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Western blotting analysis using anti-PABPN1 antibody (Cat#ABG1603). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PABPN1 antibody (Cat#ABG1603, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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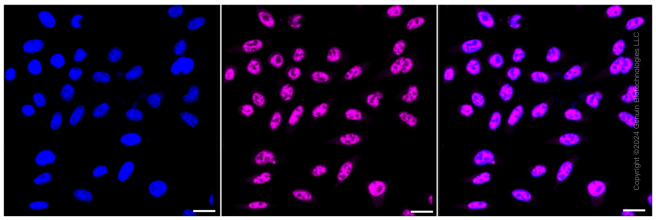
Western blotting analysis using anti-PABPN1 antibody (Cat#ABG1603). PABPN1 expression in wild type (WT) and PABPN1 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PABPN1 antibody (Cat#ABG1603, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of PABPN1 expression in HepG2 cells using PABPN1 antibody (Cat#ABG1603, 1:2,000). Green, isotype control; red, PABPN1.

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Immunocytochemical staining of Hela cells with anti-PABPN1 antibody (Cat#ABG1603, 1:1,000). 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 µm.