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

KD-Validated Anti-Pre-MRNA Processing Factor 4 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1639

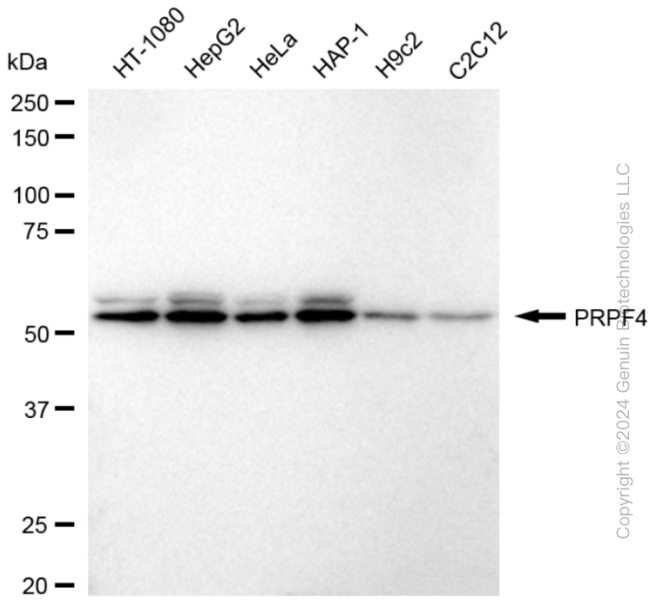
Product Overview

Name	KD-Validated Anti-Pre-MRNA Processing Factor 4 Rabbit Monoclonal Antibody
Accession(Primary)	O43172
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PRPF4
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 58 kDa , observed , 58 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 Flow Cytometry (FCM): 1:2,000

Target information (O43172)

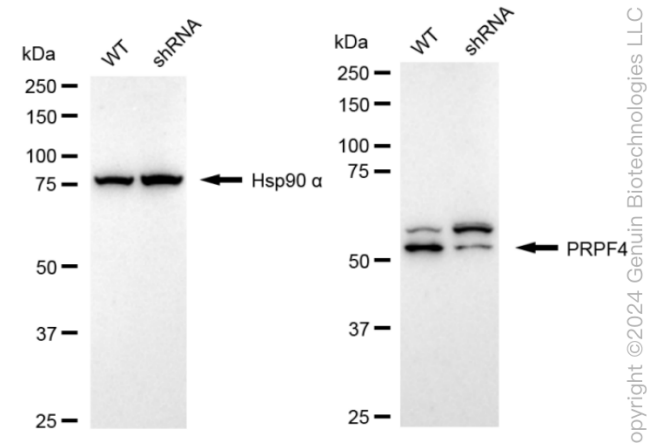
Gene Name	PRPF4
About Gene Symbol	PRPF4 (Pre-MRNA Processing Factor 4) is a protein kinase and signaling regulator involved in translational regulation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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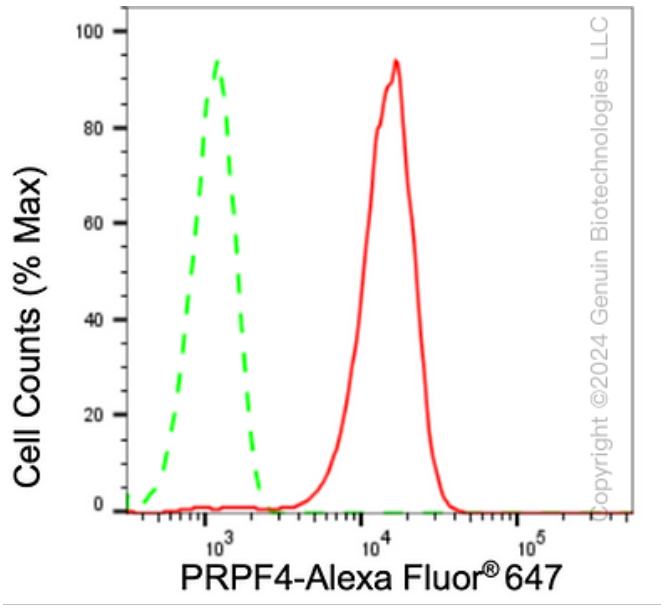
Western blotting analysis using anti-PRPF4 antibody (Cat#ABG1639). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PRPF4 antibody (Cat#ABG1639, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Western blotting analysis using anti-PRPF4 antibody (Cat#ABG1639). PRPF4 expression in wild type (WT) and PRPF4 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PRPF4 antibody (Cat#ABG1639, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

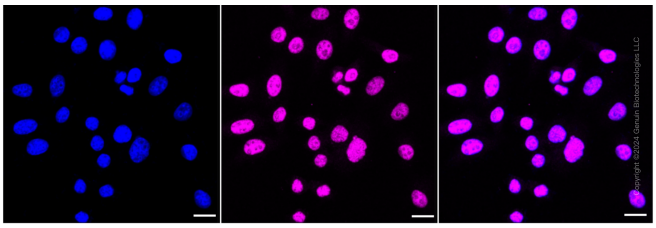
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Flow cytometric analysis of PRPF4 expression in HepG2 cells using anti-PRPF4 antibody (Cat#ABG1639, 1:2,000). Green, isotype control; red, PRPF4.

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Immunocytochemical staining of HepG2 cells with anti-PRPF4 antibody (Cat#ABG1639, 1:1,000). Nuclei were stained blue with DAPI; PRPF4 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.