9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Phospho-Paxillin (Y118) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1634

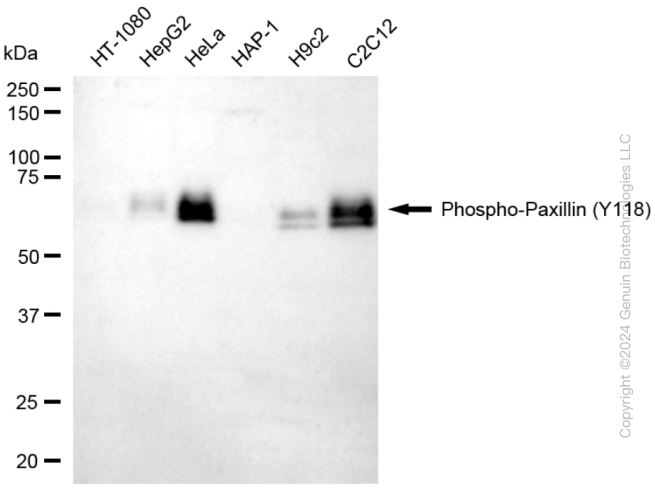
Product Overview

Name	KD-Validated Anti-Phospho-Paxillin (Y118) Rabbit Monoclonal Antibody
Accession(Primary)	P49023
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Phospho-Paxillin (Y118)
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 65 kDa , observed , 68 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): 1:1,000

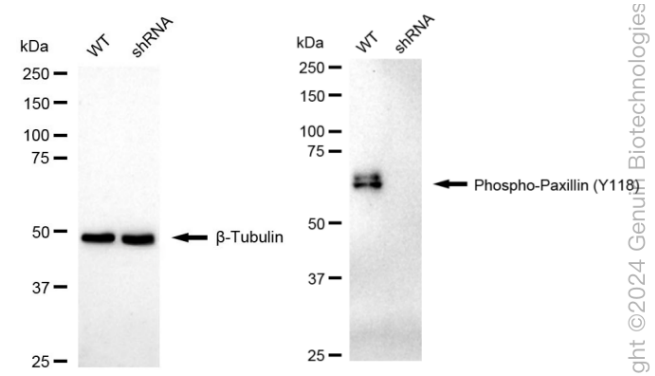
Target information (P49023)

Gene Name	PXN
About Gene Symbol	PXN (Paxillin) is a structural cytoskeletal protein involved in cytoskeletal organization. It is an important research target in cell biology, cancer metastasis, and cytoskeletal research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

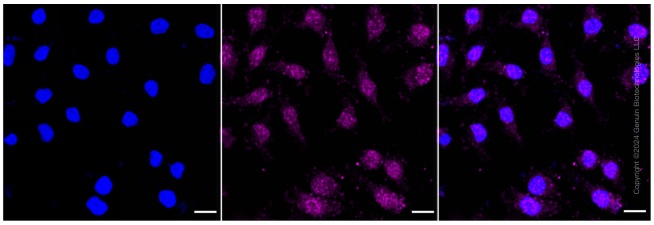
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Western blotting analysis using anti-Phospho-Paxillin (Y118) antibody (Cat#ABG1634). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-Paxillin (Y118) antibody (Cat#ABG1634, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Phospho-Paxillin (Y118) antibody (Cat#ABG1634). Phospho-Paxillin (Y118) expression in wild type (WT) and Phospho-Paxillin (Y118) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β -Tubulinserves as a loading control. The blot was incubated with anti-Phospho-Paxillin (Y118) antibody (Cat#ABG1634, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of Hela cells with anti-Phospho-Paxillin (Y118) antibody (Cat#ABG1634, 1:1,000). Nuclei were stained blue with DAPI; Phospho-Paxillin (Y118) was stained 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 µm.

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