9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Prolyl Endopeptidase Like Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1641

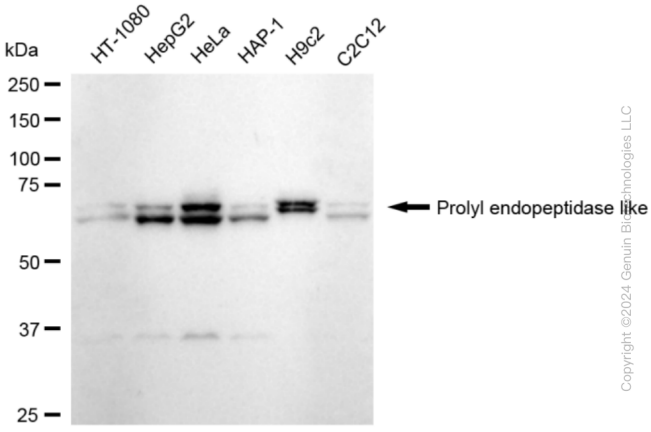
Product Overview

Name	KD-Validated Anti-Prolyl Endopeptidase Like Rabbit Monoclonal Antibody
Accession(Primary)	Q4J6C6
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PREPL
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 84 kDa , observed , 70 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 (Q4J6C6)

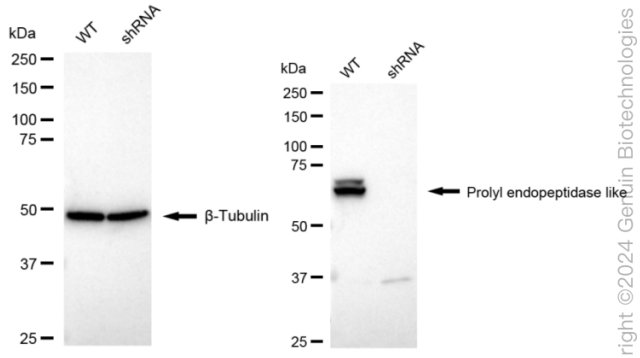
Gene Name	PREPL
About Gene Symbol	PREPL (Prolyl Endopeptidase Like) is a protease enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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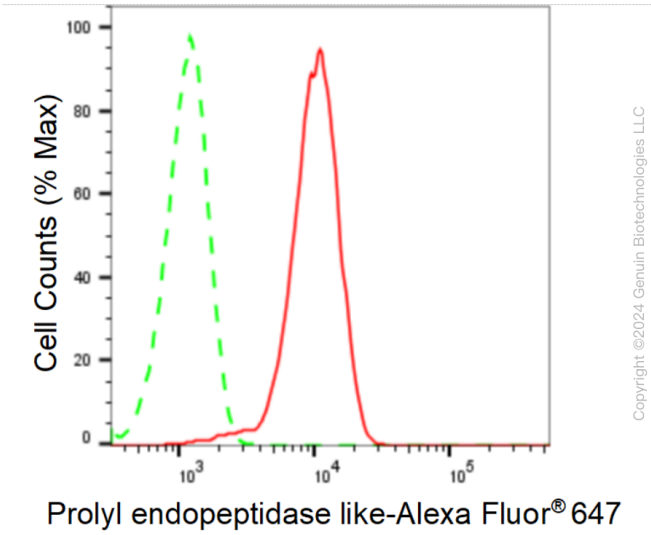
Western blotting analysis using anti-Prolyl endopeptidase like antibody (Cat#ABG1641). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Prolyl endopeptidase like antibody (Cat#ABG1641, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Western blotting analysis using anti-Prolyl endopeptidase like antibody (Cat#ABG1641). Prolyl endopeptidase like expression in wild type (WT) and Prolyl endopeptidase like shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Prolyl endopeptidase like antibody (Cat#ABG1641, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

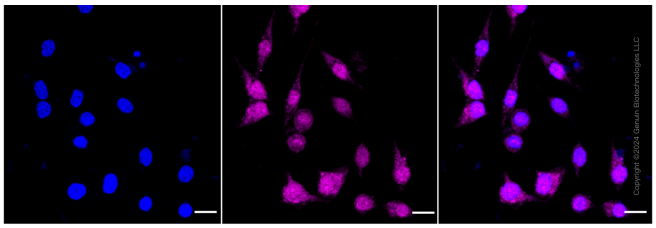
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Flow cytometric analysis of Prolyl endopeptidase like expression in HeLa cells using Prolyl endopeptidase like antibody (Cat#ABG1641, 1:2,000). Green, isotype control; red, Prolyl endopeptidase like.

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Immunocytochemical staining of Hela cells with anti-Prolyl endopeptidase like antibody (Cat#ABG1641, 1:1,000). Nuclei were stained blue with DAPI; Prolyl endopeptidase like was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.