

KD-Validated Anti-PKN1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

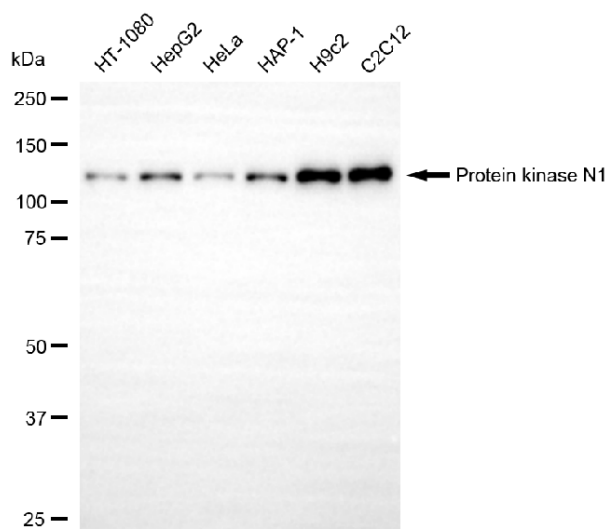
ABG2234

Product Overview

Name	KD-Validated Anti-PKN1 Rabbit Monoclonal Antibody
Accession(Primary)	Q16512
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PKN1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 104 kDa; observed, 120 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

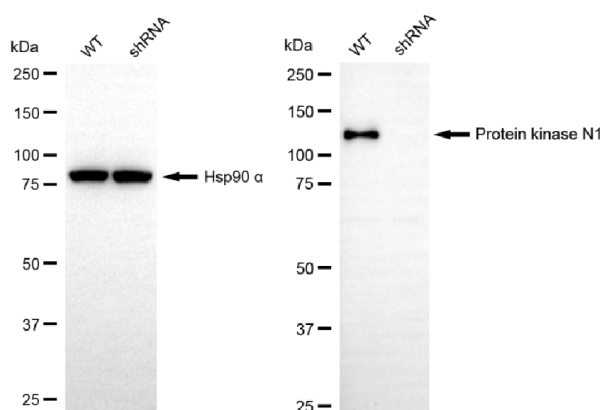
Target information (Q16512)

Gene Name	PKN1
About Gene Symbol	PKN1 (Protein Kinase N1) is a serine/threonine protein kinase 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.



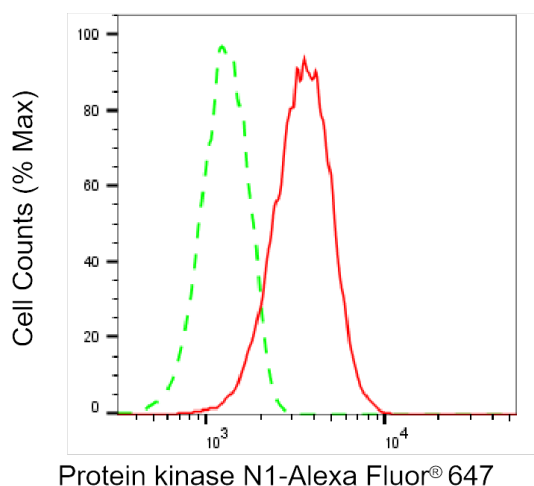
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Western blotting analysis using anti-protein kinase N1 antibody (Cat#ABG2234). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-protein kinase N1 antibody (Cat#ABG2234, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-protein kinase N1 antibody (Cat#ABG2234). Protein kinase N1A expression in wild-type (WT) and protein kinase N1 (PKN1) 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-protein kinase N1 antibody (Cat#ABG2234, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Protein kinase N1 expression in C2C12 cells using anti-Protein kinase N1 antibody (Cat#ABG2234, 1:2,000). Green, isotype control; red, Protein kinase N1.