9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Phospho-KIF22 (S427) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2240

Product Overview

Name	KD-Validated Anti-Phospho-KIF22 (S427) Rabbit Monoclonal Antibody
Accession(Primary)	Q14807
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human KIF22 around the phosphorylation site of S427
Species Reactivity	Human
Calculated MW	Predicted, 73 kDa; observed, 73 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

Target information (Q14807)

Gene Name	KIF22
About Gene Symbol	KIF22 (Kinesin Family Member 22) is a kinesin motor protein involved in gene transcription and regulation. It is an important research target in gene regulation, development, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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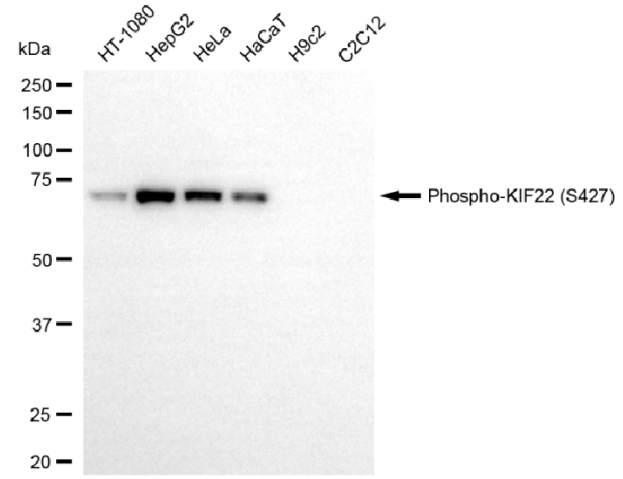

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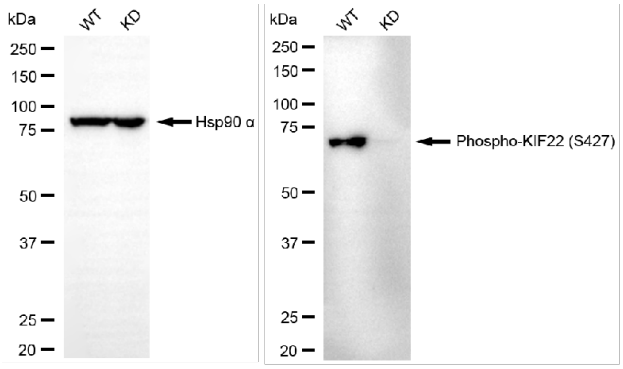
Western blotting analysis using anti-phospho-KIF22 (S427) antibody (Cat#ABG2240). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-KIF22 (S427) antibody (Cat#ABG2240, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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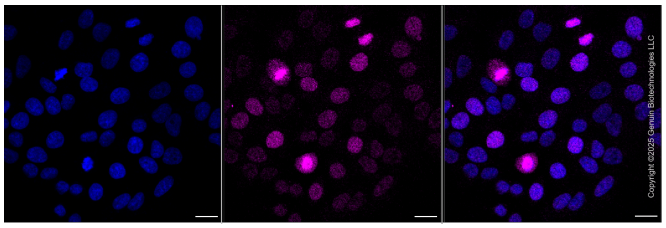
Western blotting analysis using anti-phospho-KIF22 (S427) antibody (Cat#ABG2240). Phospho-KIF22 (S427) expression in wild-type (WT) and KIF22 shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-phospho-KIF22 (S427) antibody (Cat#ABG2240, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HepG2 cells with anti-Phospho-KIF22 (S427) antibody (Cat#ABG2240, 1:1,000). Nuclei were stained blue with DAPI; Phospho-KIF22 (S427) 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.