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

KO-Validated Anti-14-3-3 alpha/beta Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2426

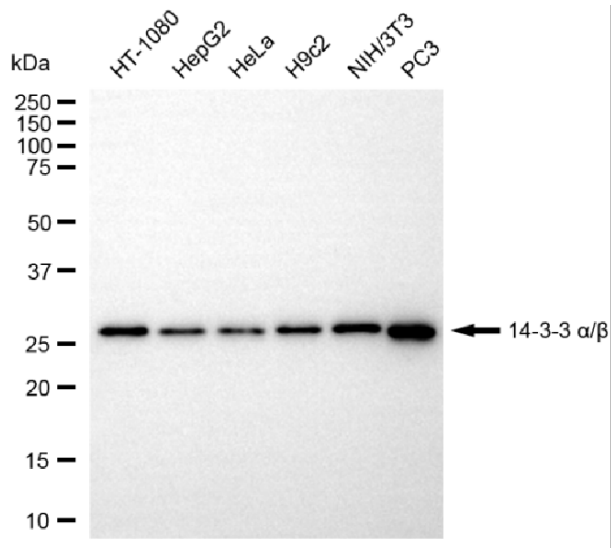
Product Overview

Name	KO-Validated Anti-14-3-3 alpha/beta Rabbit Monoclonal Antibody
Accession(Primary)	P31946
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human 14-3-3 alpha + beta
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 28 kDa; observed, 28 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (P31946)

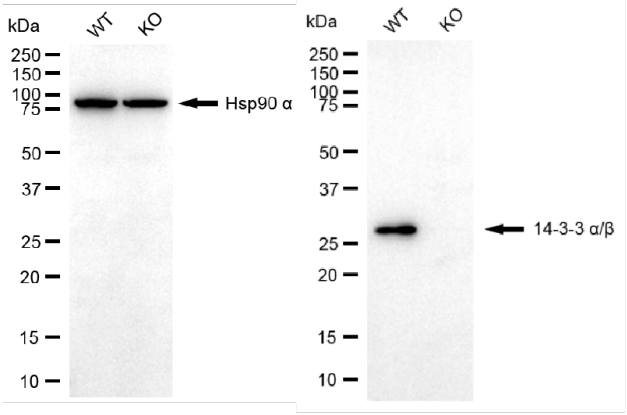
Gene Name	YWHAB
About Gene Symbol	YWHAB is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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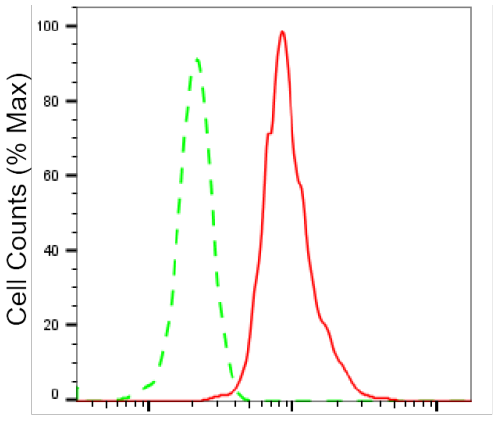
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Western blotting analysis using anti-14-3-3 alpha/beta antibody (Cat#ABG2426). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-14-3-3 alpha/beta antibody (Cat#ABG2426, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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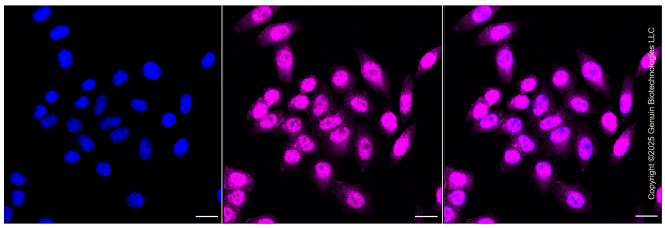
Western blotting analysis using anti-14-3-3 alpha/beta antibody (Cat#ABG2426). 14-3-3 alpha/beta expression in wild-type (WT) and YWHAB knockout (KO) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-14-3-3 alpha/beta antibody (Cat#ABG2426, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of 14-3-3 alpha/beta expression in HepG2 cells using 14-3-3 alpha/beta antibody (Cat#ABG2426, 1:2,000). Green, isotype control; red, 14-3-3 alpha/beta.

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Immunocytochemical staining of HepG2 cells with anti-14-3-3 alpha/beta antibody (Cat#ABG2426, 1:1,000). Nuclei were stained blue with DAPI; 14-3-3 alpha/beta 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.