9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Syntaxin 16 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1464

Product Overview

Name	KD-Validated Anti-Syntaxin 16 Rabbit Monoclonal Antibody
Accession(Primary)	O14662
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Syntaxin 16
Species Reactivity	Human
Calculated MW	Predicted, 37 kDa , observed, 37 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 Immunocytochemistry (IC): 1:1,000

Target information (O14662)

Gene Name	STX16
About Gene Symbol	STX16 (Syntaxin 16) 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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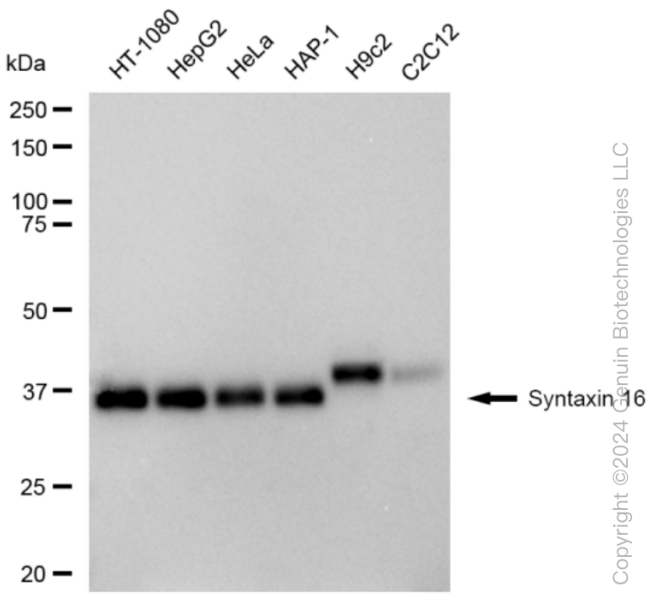

Western blotting analysis using anti-Syntaxin 16 antibody (Cat#ABG1464). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Syntaxin 16 antibody (Cat#ABG1464, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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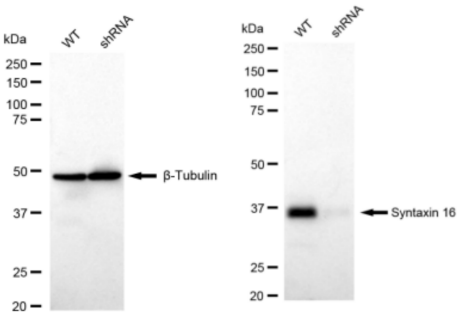

Western blotting analysis using anti-Syntaxin 16 antibody (Cat#ABG1464). Syntaxin 16 expression in wild type (WT) and Syntaxin 16 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Syntaxin 16 antibody (Cat#ABG1464, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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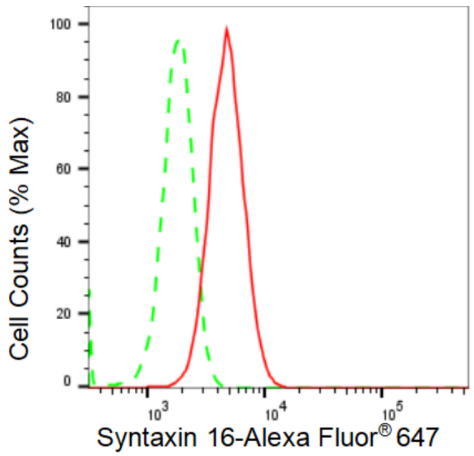

Flow cytometric analysis of Syntaxin 16 expression in HepG2 cells using Syntaxin 16 antibody (Cat#ABG1464, 1:2,000). Green, isotype control; red, Syntaxin 16.

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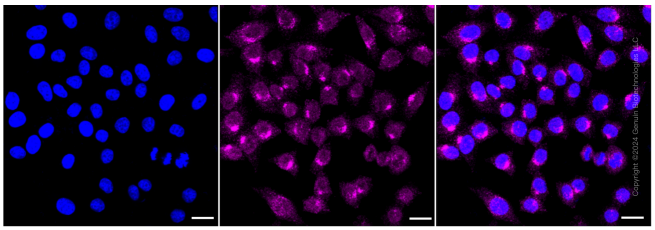

Immunocytochemical staining of HepG2 cells with Syntaxin 16 antibody (Cat#ABG1464, 1:1,000). Nuclei were stained blue with DAPI; Syntaxin 16 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.