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

KD-Validated Anti-Syntaxin binding protein 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1286

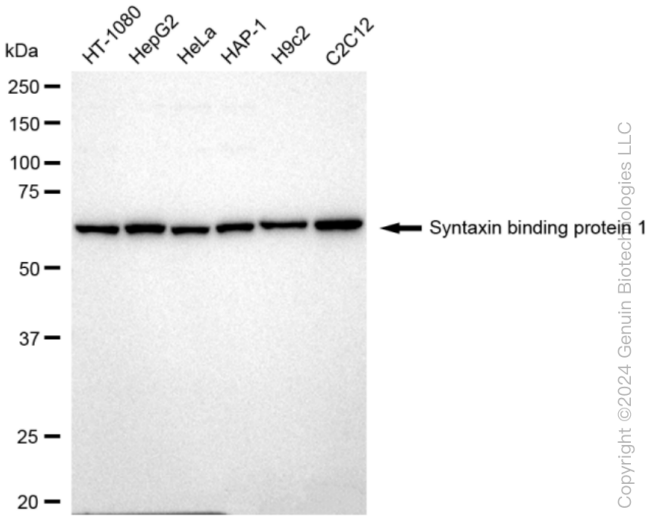
Product Overview

Name	KD-Validated Anti-Syntaxin binding protein 1 Rabbit Monoclonal Antibody
Accession(Primary)	P61764
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human STXBP1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 68 kDa , observed, 68 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 (P61764)

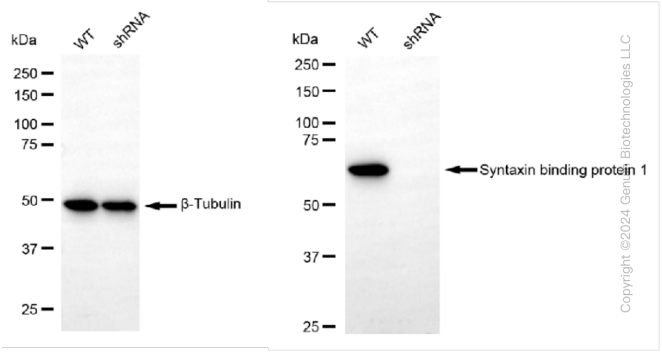
Gene Name	STXBP1
About Gene Symbol	STXBP1 (Syntaxin Binding Protein 1) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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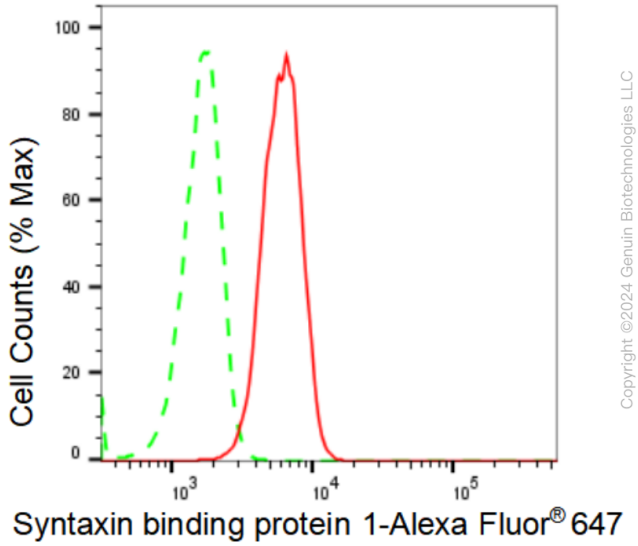
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Western blotting analysis using anti-Syntaxin binding protein 1 antibody (Cat#ABG1286). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Syntaxin binding protein 1 antibody (Cat#ABG1286, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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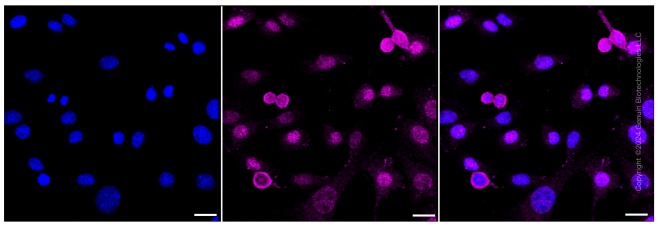
Western blotting analysis using anti-Syntaxin binding protein 1 antibody (Cat#ABG1286). Syntaxin binding protein 1 expression in wild type (WT) and syntaxin binding protein 1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Syntaxin binding protein 1 antibody (Cat#ABG1286, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Syntaxin binding protein 1 expression in C2C12 cells using Syntaxin binding protein 1 antibody (Cat#ABG1286, 1:2,000). Green, isotype control; red, Syntaxin binding protein 1.

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Immunocytochemical staining of C2C12 cells with Syntaxin binding protein 1 antibody (Cat#ABG1286, 1:1,000). Nuclei were stained blue with DAPI; Syntaxin binding protein 1 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.