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

# KO-Validated Anti-Syntaxin 17 Mouse Monoclonal Antibody

*Mouse monoclonal antibody*

ABG2416

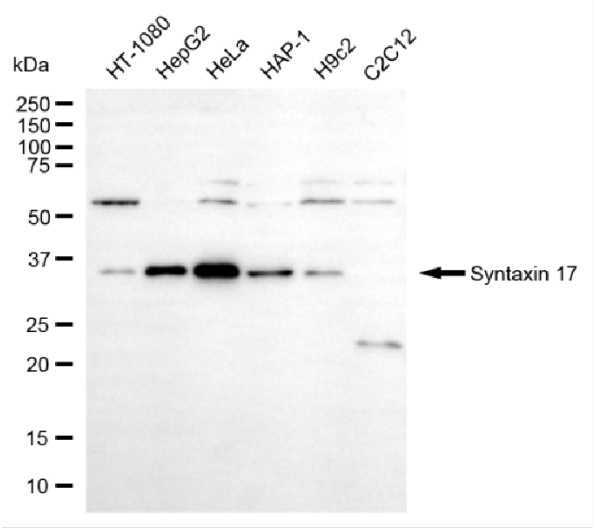
## Product Overview

| | |
|---|---|
| **Name** | KO-Validated Anti-Syntaxin 17 Mouse Monoclonal Antibody |
| **Accession(Primary)** | P56962 |
| **Host Species** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | Mouse IgG1 |
| **Immunogen** | Recombinant protein of human STX17 |
| **Species Reactivity** | Human, Rat |
| **Calculated MW** | Predicted, 33 kDa, observed, 34 kDa |
| **Storage Buffer** | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide. |
| **Recommended Dilution** | Western Blotting (WB): 1:400-1:2,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000 |

## Target information (P56962)

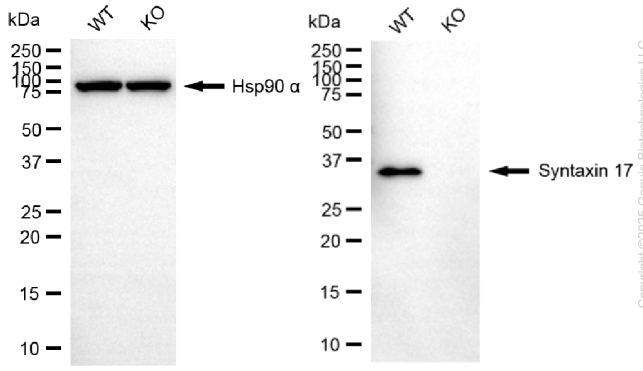
| | |
|---|---|
| **Gene Name** | STX17 |
| **About Gene Symbol** | STX17 (Syntaxin 17) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |

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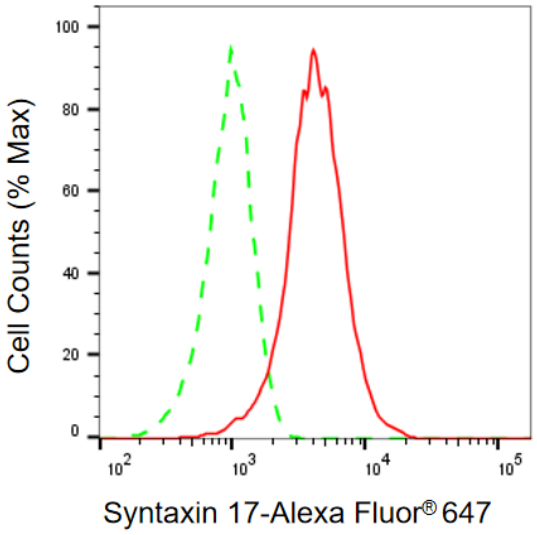

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Western blotting analysis using anti-syntaxin 17 antibody (Cat#ABG2416). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-syntaxin 17 antibody (Cat#ABG2416, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.




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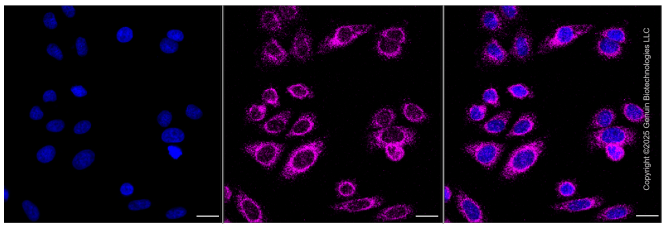
Western blotting analysis using anti-syntaxin 17 antibody (Cat#ABG2416). Syntaxin 17 expression in wild-type (WT) and syntaxin 17 (STX17) knockout (KO) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-syntaxin 17 antibody (Cat#ABG2416, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.




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Flow cytometric analysis of Syntaxin 17 expression in HepG2 cells using anti-Syntaxin 17 antibody (Cat#ABG2416, 1:2,000). Green, isotype control; red, Syntaxin 17.

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Immunocytochemical staining of HepG2 cells with anti-Syntaxin 17 antibody (Cat#ABG2416, 1:1,000). Nuclei were stained blue with DAPI; Syntaxin 17 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 µm.