

Catalog #: 71159

Aliases

STX17; Syntaxin 17; Syntaxin-17; FLJ20651

Background

Gene Name: STX17

NCBI Gene Entry: 55014

UniProt Entry: P56962

Application Information

Molecular Weight: Predicted, 33 kDa; observed, 34 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB15925

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (ICC)

Immunogen

Recombinant protein of human STX17

Isotype

Mouse IgG1

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, 0.5% BSA and 0.09% sodium azide

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:400-1:2,000

Flow Cytometry (FCM) : 1:200-1:2,000

Immunocytochemistry (ICC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

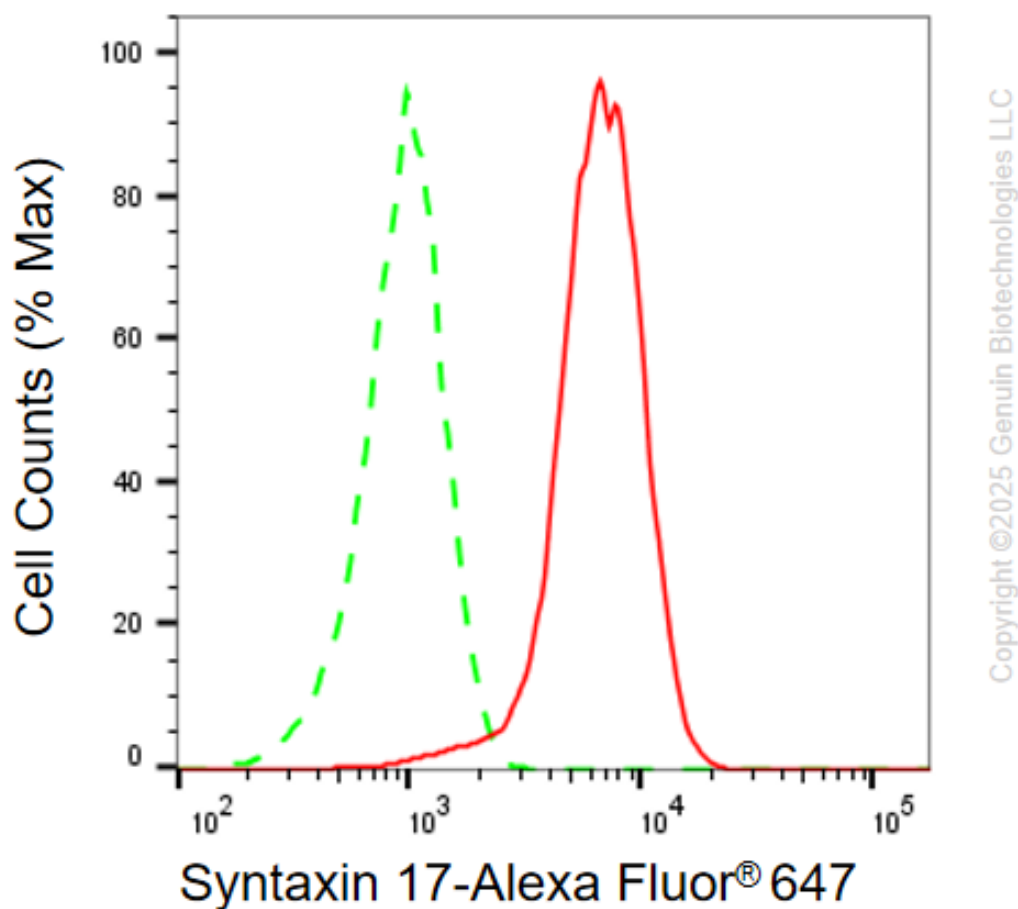
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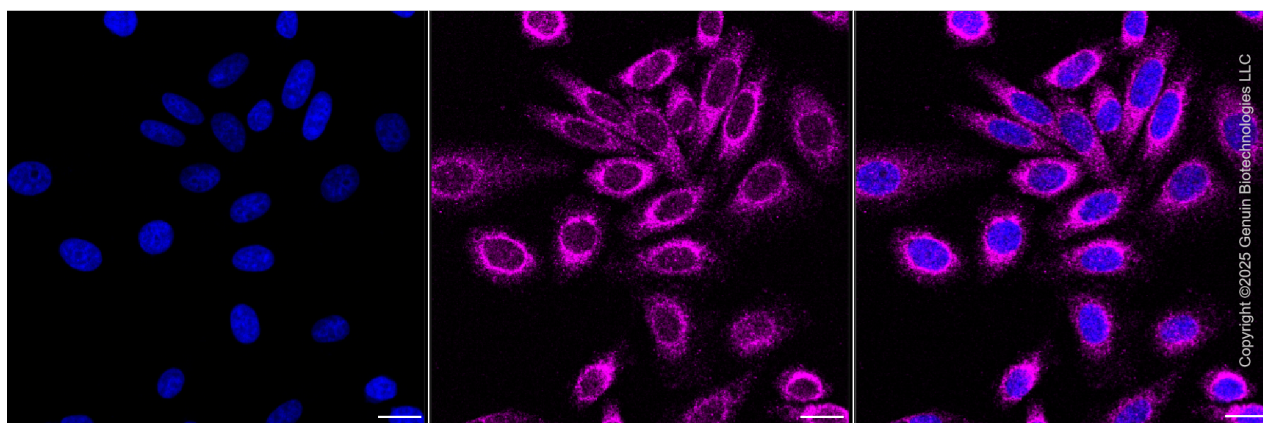
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Flow cytometric analysis of Syntaxin 17 expression in HepG2 cells using Syntaxin 17 antibody (Cat#71159, 1:2,000) . Green, isotype control; red, Syntaxin 17.



Immunocytochemical staining of HepG2 cells with Syntaxin 17 antibody (Cat#71159, 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 μ m.

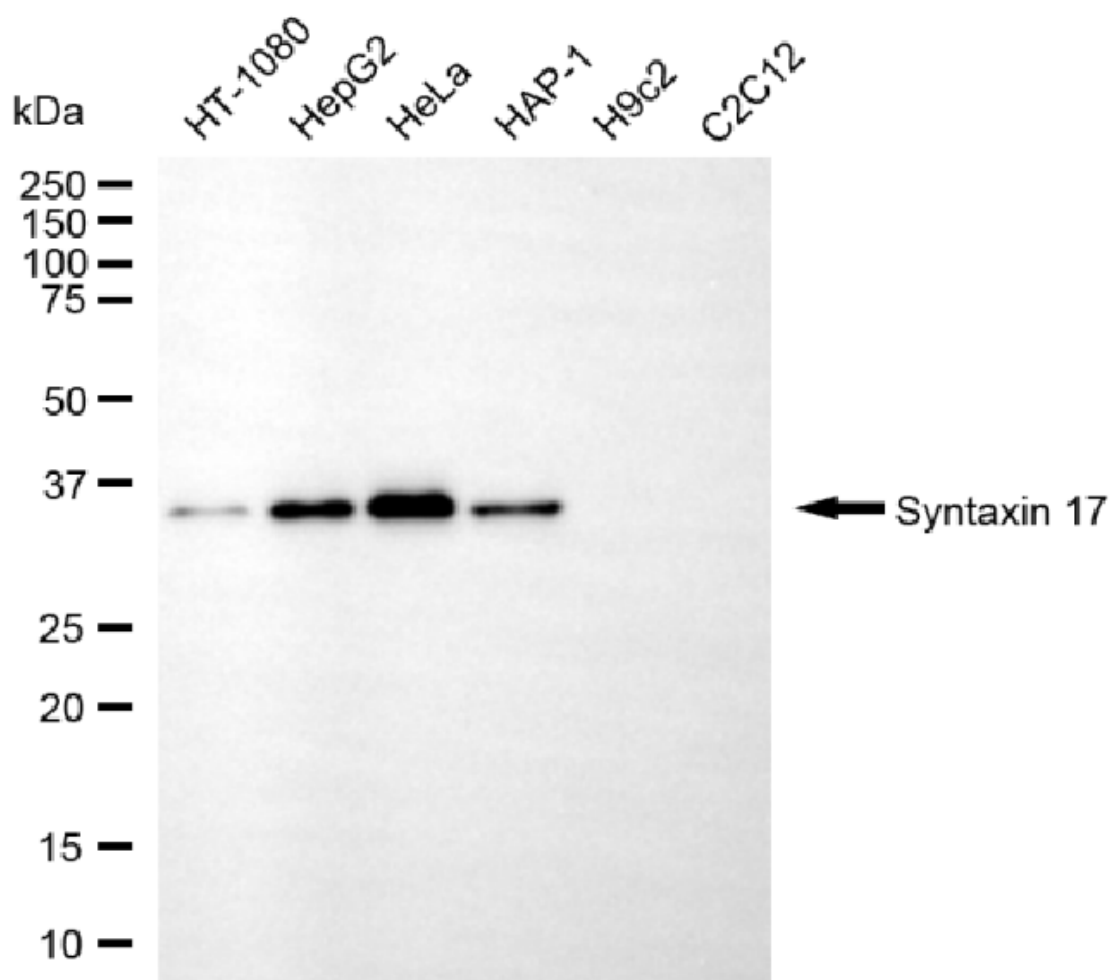
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Western blotting analysis using syntaxin 17 antibody (Cat#71159). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with syntaxin 17 antibody (Cat#71159, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

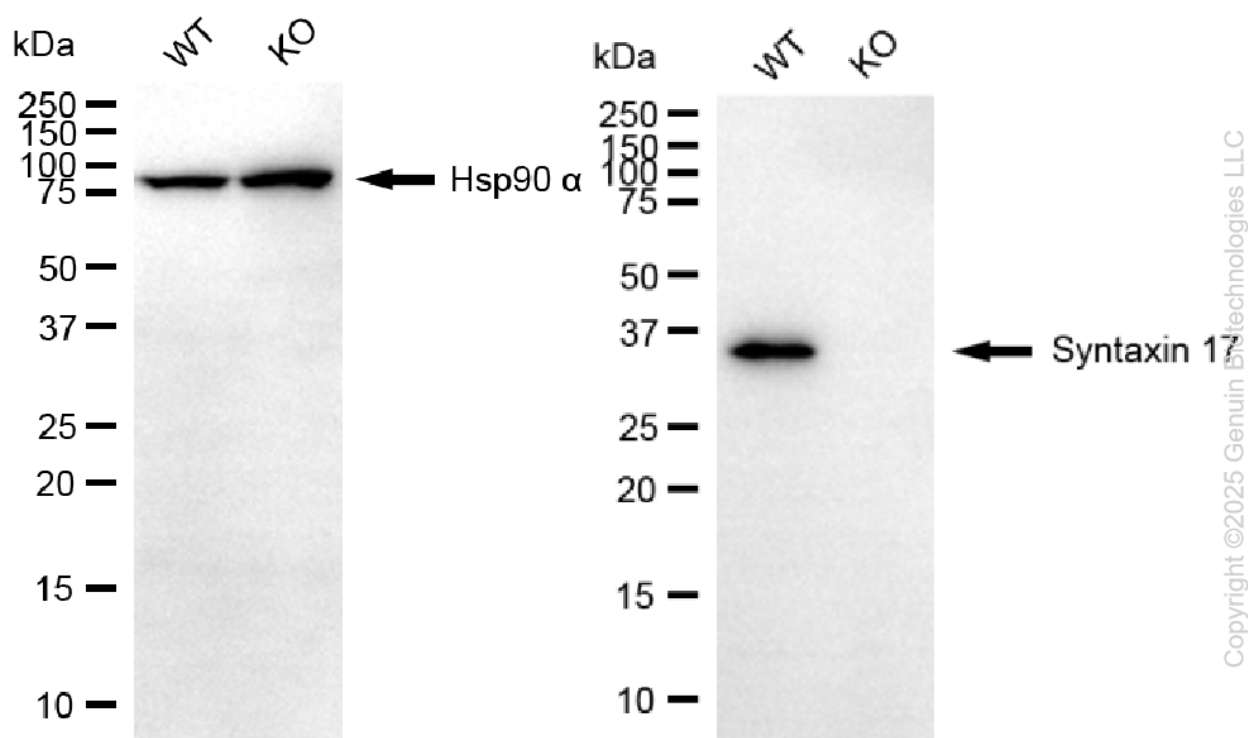
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Western blotting analysis using syntaxin 17 antibody (Cat#71159). Syntaxin 17 expression in wild-type (WT) and syntaxin 17 (STX17) knockout (KO) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with syntaxin 17 antibody (Cat#71159, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).