
Product Name: KO-Validated Syntaxin 17 Mouse Monoclonal Antibody**Catalog #: KVA00149**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM,ICC
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:400-1:2,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 33.4kDa

Antigen Information

Gene Name	STX17
Alternative Names	STX17; Syntaxin 17; Syntaxin-17; FLJ20651
Gene ID	55014.0
SwissProt ID	P56962
Immunogen	Recombinant protein of human STX17

Background

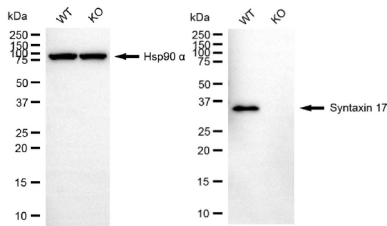
Enables SNAP receptor activity; SNARE binding activity; and protein phosphatase binding activity. Involved in several processes, including autophagosome membrane docking; endoplasmic reticulum to Golgi vesicle-mediated transport; and endoplasmic reticulum-Golgi intermediate compartment organization. Acts upstream of or within protein localization to phagophore assembly site. Located in several cellular components, including autophagosome membrane; endoplasmic

reticulum-Golgi intermediate compartment; and mitochondria-associated endoplasmic reticulum membrane contact site. Part of SNARE complex. [provided by Alliance of Genome Resources, Apr 2025]

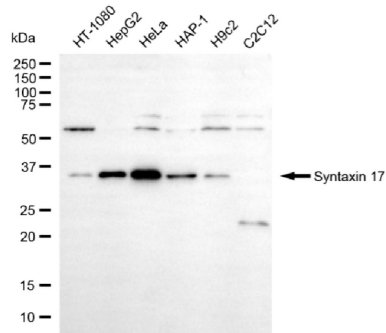
Research Area

Signal Transduction

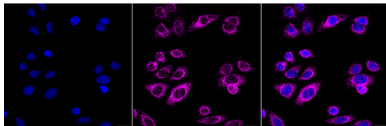
Image Data



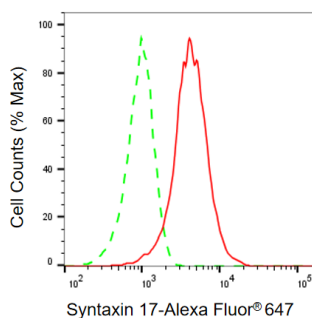
Western blotting analysis using syntaxin 17 antibody (KVA00149). Syntaxin 17 expression in wild-type (WT) and syntaxin 17 (STX17) knockout (KO) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with syntaxin 17 antibody (KVA00149, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using syntaxin 17 antibody (KVA00149). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with syntaxin 17 antibody (KVA00149, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with Syntaxin 17 antibody (KVA00149, 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.



Flow cytometric analysis of Syntaxin 17 expression in HepG2 cells using Syntaxin 17 antibody (KVA00149, 1:2,000). Green, isotype control; red, Syntaxin 17.