

Product Name: KD-Validated Synaptophysin like 1 Recombinant Rabbit Monoclonal Antibody

Catalog #: KVAb01196

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit 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 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 28.6kDa

Antigen Information

Gene Name	SYPL1
Alternative Names	SYPL1; Synaptophysin Like 1; Pantophysin; SYPL; Synaptophysin-Like Protein 1; Synaptophysin-Like Protein; Synaptophysin-Like 1; H-SP1
Gene ID	6856.0
SwissProt ID	Q16563
Immunogen	A synthesized peptide derived from human SYPL1

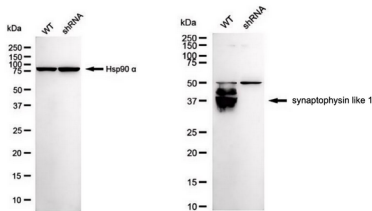
Background

Predicted to be involved in chemical synaptic transmission. Located in extracellular exosome. [provided by Alliance of Genome Resources, Jul 2025]

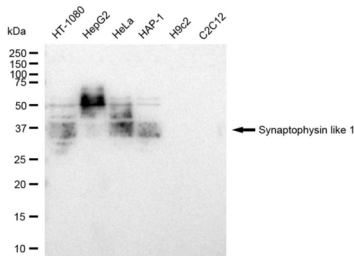
Research Area

Neuroscience

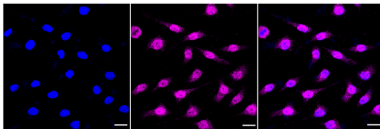
Image Data



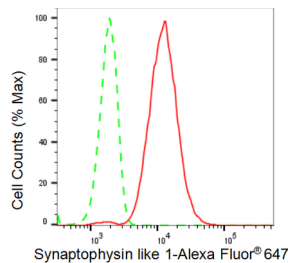
Western blotting analysis using synaptophysin like 1 antibody (KVA01196). Synaptophysin like 1 expression in wild type (WT) and synaptophysin like 1 (SYPL1) shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with synaptophysin like 1 antibody (KVA01196, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using synaptophysin like 1 antibody (KVA01196). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with synaptophysin like 1 antibody (KVA01196, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells with Synaptophysin like 1 antibody (KVA01196, 1:1,000). Nuclei were stained blue with DAPI; Synaptophysin like 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.



Flow cytometric analysis of Synaptophysin like 1 expression in HeLa cells using Synaptophysin like 1 antibody (KVA01196, 1:2,000). Green, isotype control; red, Synaptophysin like 1.