

**KD-Validated Anti-Synaptophysin like 1 Rabbit Monoclonal Antibody**  
Rabbit monoclonal antibody  
Catalog # AGI1466

**Specification**

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**KD-Validated Anti-Synaptophysin like 1 Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC, ICC
Primary Accession	<a href="#">Q16563</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 29 kDa , observed, 29-37 kDa
Gene Name	KDa SYPL1
Aliases	SYPL1; Synaptophysin Like 1; Pantophysin; SYPL; Synaptophysin-Like Protein 1; Synaptophysin-Like Protein; Synaptophysin-Like 1; H-SP1
Immunogen	A synthesized peptide derived from human SYPL1

**KD-Validated Anti-Synaptophysin like 1 Rabbit Monoclonal Antibody - Additional Information**

Gene ID	6856
<b>Other Names</b>	Synaptophysin-like protein 1, Pantophysin, SYPL1, SYPL

**KD-Validated Anti-Synaptophysin like 1 Rabbit Monoclonal Antibody - Protein Information**

**Name** SYPL1

**Synonyms** SYPL

**Cellular Location**

Cytoplasmic vesicle membrane; Multi-pass membrane protein. Melanosome. Note=Cytoplasmic transport vesicles (By similarity). Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

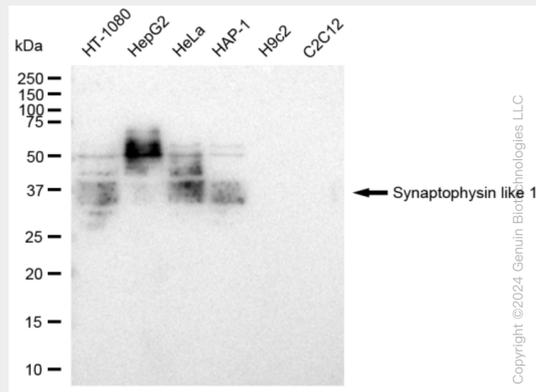
**KD-Validated Anti-Synaptophysin like 1 Rabbit Monoclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

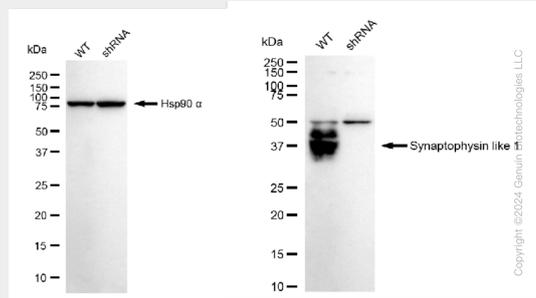
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

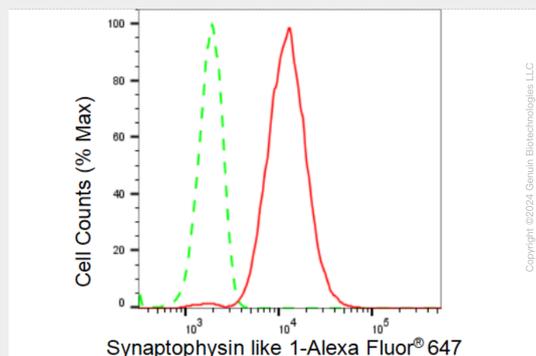
### KD-Validated Anti-Synaptophysin like 1 Rabbit Monoclonal Antibody - Images



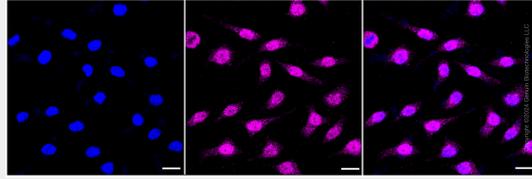
Western blotting analysis using anti-Synaptophysin like 1 antibody (Cat#AGI1466). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Synaptophysin like 1 antibody (Cat#AGI1466, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Synaptophysin like 1 antibody (Cat#AGI1466). Synaptophysin like 1 expression in wild type (WT) and Synaptophysin like 1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Synaptophysin like 1 antibody (Cat#AGI1466, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Synaptophysin like 1 expression in HeLa cells using Synaptophysin like 1 antibody (Cat#AGI1466, 1:2,000). Green, isotype control; red, Synaptophysin like 1.



Immunocytochemical staining of HeLa cells with Synaptophysin like 1 antibody (Cat#AGI1466, 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  $\mu$ m.