

**KD-Validated Anti-Syntaxin 16 Rabbit Monoclonal Antibody**  
**Rabbit monoclonal antibody**  
**Catalog # AGI1464****Specification**

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**KD-Validated Anti-Syntaxin 16 Rabbit Monoclonal Antibody - Product Information**

|                   |                                                                          |
|-------------------|--------------------------------------------------------------------------|
| Application       | WB, FC, ICC                                                              |
| Primary Accession | <a href="#">O14662</a>                                                   |
| Reactivity        | Human                                                                    |
| Clonality         | Monoclonal                                                               |
| Isotype           | Rabbit IgG                                                               |
| Calculated MW     | Predicted, 37 kDa , observed, 37 kDa KDa                                 |
| Gene Name         | STX16                                                                    |
| Aliases           | STX16; Syntaxin 16; SYN-16; SYN16;<br>Syntaxin-16; Hsyn16; HSYN16; Syn16 |
| Immunogen         | A synthesized peptide derived from human<br>Syntaxin 16                  |

**KD-Validated Anti-Syntaxin 16 Rabbit Monoclonal Antibody - Additional Information**

|                           |      |
|---------------------------|------|
| Gene ID                   | 8675 |
| <b>Other Names</b>        |      |
| Syntaxin-16, Syn16, STX16 |      |

**KD-Validated Anti-Syntaxin 16 Rabbit Monoclonal Antibody - Protein Information****Name** STX16**Function**

SNARE involved in vesicular transport from the late endosomes to the trans-Golgi network.

**Cellular Location**

Golgi apparatus membrane; Single-pass type IV membrane protein

**Tissue Location**

Ubiquitous.

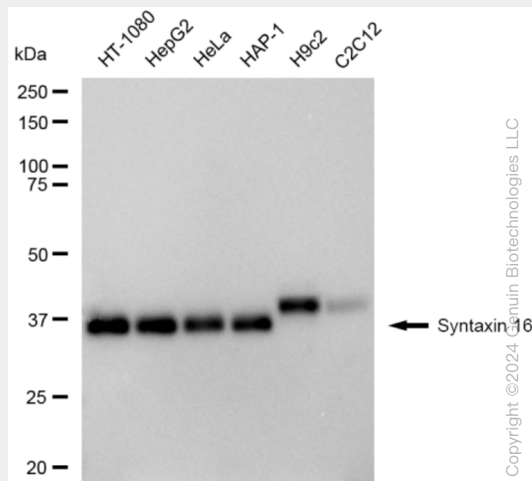
**KD-Validated Anti-Syntaxin 16 Rabbit Monoclonal Antibody - Protocols**

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

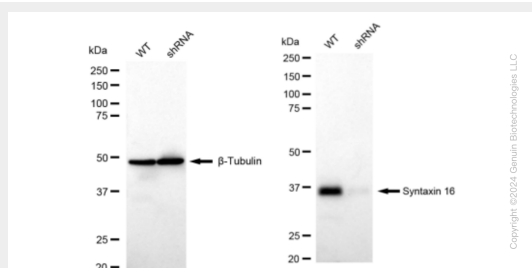
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

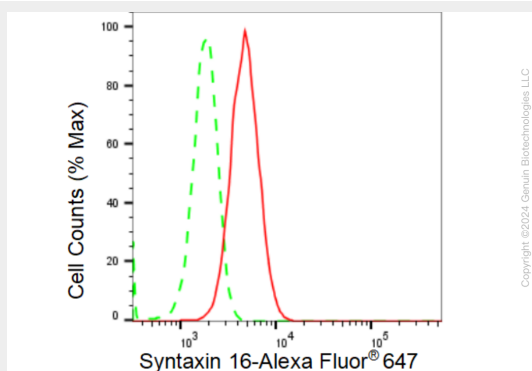
## KD-Validated Anti-Syntaxin 16 Rabbit Monoclonal Antibody - Images



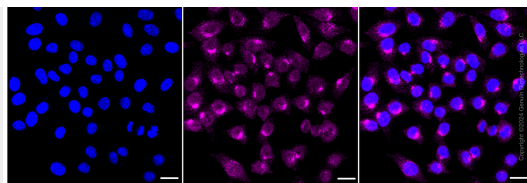
Western blotting analysis using anti-Syntaxin 16 antibody (Cat#AGI1464). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Syntaxin 16 antibody (Cat#AGI1464, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Syntaxin 16 antibody (Cat#AGI1464). Syntaxin 16 expression in wild type (WT) and Syntaxin 16 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Syntaxin 16 antibody (Cat#AGI1464, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Syntaxin 16 expression in HepG2 cells using Syntaxin 16 antibody (Cat#AGI1464, 1:2,000). Green, isotype control; red, Syntaxin 16.



Immunocytochemical staining of HepG2 cells with Syntaxin 16 antibody (Cat#AGI1464, 1:1,000). Nuclei were stained blue with DAPI; Syntaxin 16 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.