

Datasheet for ABIN6978202

**anti-VAMP7 antibody (AA 1-100) (AbBy Fluor® 555)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                            |
| Target:              | VAMP7                                                                                                                             |
| Binding Specificity: | AA 1-100                                                                                                                          |
| Reactivity:          | Mouse                                                                                                                             |
| Host:                | Rabbit                                                                                                                            |
| Clonality:           | Polyclonal                                                                                                                        |
| Conjugate:           | This VAMP7 antibody is conjugated to AbBy Fluor® 555                                                                              |
| Application:         | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)),<br>Immunofluorescence (Cultured Cells) (IF (cc)) |

## Product Details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human SYBL1 |
| Isotype:              | IgG                                                       |
| Cross-Reactivity:     | Mouse                                                     |
| Predicted Reactivity: | Human,Rat,Cow,Sheep,Pig,Horse,Chicken,Rabbit,Zebrafish    |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | VAMP7                                    |
| Alternative Name: | SYBL1 ( <a href="#">VAMP7 Products</a> ) |

## Target Details

Background: Synonyms: FLJ53045, FLJ53762, FLJ54296, HGNC:11486, OTTHUMP00000024258, OTTHUMP00000024259, OTTHUMP00000225953, SYBL 1, SYBL1, Synaptobrevin like 1, Synaptobrevin-like protein 1, Tetanus insensitive VAMP, Tetanus neurotoxin insensitive VAMP, Tetanus-insensitive VAMP, TI VAMP, Ti-VAMP, TIVAMP, VAMP-7, VAMP7, VAMP7\_HUMAN, Vesicle-associated membrane protein 7.

Background: Involved in the targeting and/or fusion of transport vesicles to their target membrane during transport of proteins from the early endosome to the lysosome. Required for heterotypic fusion of late endosomes with lysosomes and homotypic lysosomal fusion. Required for calcium regulated lysosomal exocytosis. Involved in the export of chylomicrons from the endoplasmic reticulum to the cis Golgi. Required for exocytosis of mediators during eosinophil and neutrophil degranulation, and target cell killing by natural killer cells. Required for focal exocytosis of late endocytic vesicles during phagosome formation.

Gene ID: 6845

UniProt: [P51809](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

---

Expiry Date: 12 months