

## Anti-VAMP1 antibody

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|---------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Unconjugated Rabbit polyclonal to VAMP1                                                                                 |
| <b>Model</b>              | STJ192365                                                                                                               |
| <b>Host</b>               | Rabbit                                                                                                                  |
| <b>Reactivity</b>         | Human, Mouse, Rat                                                                                                       |
| <b>Applications</b>       | ELISA, WB                                                                                                               |
| <b>Immunogen</b>          | Synthesized peptide derived from human VAMP1 protein.                                                                   |
| <b>Immunogen Region</b>   | 30-110aa                                                                                                                |
| <b>Gene ID</b>            | <a href="#">6843</a>                                                                                                    |
| <b>Gene Symbol</b>        | <a href="#">VAMP1</a>                                                                                                   |
| <b>Dilution range</b>     | WB 1:500-2000 ELISA 1:5000-20000                                                                                        |
| <b>Specificity</b>        | VAMP1 Polyclonal Antibody detects endogenous levels of protein.                                                         |
| <b>Tissue Specificity</b> | Nervous system, skeletal muscle and adipose tissue.                                                                     |
| <b>Purification</b>       | VAMP1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Note</b>               | For Research Use Only (RUO).                                                                                            |
| <b>Protein Name</b>       | Vesicle-associated membrane protein 1 VAMP-1 Synaptobrevin-1                                                            |
| <b>Molecular Weight</b>   | 12 kDa                                                                                                                  |
| <b>Clonality</b>          | Polyclonal                                                                                                              |
| <b>Conjugation</b>        | Unconjugated                                                                                                            |

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|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Isotype</b>               | IgG                                                                                                                                                                                                                                                                                           |
| <b>Formulation</b>           | Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                           |
| <b>Concentration</b>         | 1 mg/ml                                                                                                                                                                                                                                                                                       |
| <b>Storage Instruction</b>   | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                          |
| <b>Database Links</b>        | <a href="#">HGNC:12642</a> <a href="#">OMIM:108600</a>                                                                                                                                                                                                                                        |
| <b>Alternative Names</b>     | Vesicle-associated membrane protein 1 VAMP-1 Synaptobrevin-1                                                                                                                                                                                                                                  |
| <b>Function</b>              | Involved in the targeting and/or fusion of transport vesicles to their target membrane.                                                                                                                                                                                                       |
| <b>Cellular Localization</b> | Isoform 1: Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane<br>Cell junction, synapse, synaptosome<br>Isoform 2: Cytoplasmic vesicle<br>membrane<br>Cell junction, synapse, synaptosome<br>Isoform 3: Mitochondrion<br>outer membrane. Single-pass type IV membrane protein. |

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