



## Rabbit Anti-VAMP1+VAMP2+VAMP3 antibody

SL10427R

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| <b>Product Name:</b>          | VAMP1+VAMP2+VAMP3  |
| <b>Chinese Name:</b>          | 囊泡相关膜蛋白1,2,3抗体   |
| <b>Alias:</b>                 | VAMP-1+2+3; Vesicle Associated Membrane Protein 1; DKFZp686H12131; SYB 1; SYB1; Synaptobrevin 1; Synaptobrevin1; Synaptobrevin-1; VAMP 1; VAMP-1; Vesicle associated membrane protein 1; Vesicle associated membrane protein 1 synaptobrevin 1; VAMP1_HUMAN; Vesicle-associated membrane protein 1; Vesicle Associated Membrane Protein 2; FLJ11460; RATVAMPB; RATVAMPIR; SYB; SYB2; Synaptobrevin 2; VAMP 2; VAMP-2; Vesicle associated membrane protein 2; Vesicle-associated membrane protein 2; VAMP2_HUMAN; Synaptobrevin-2; Vesicle Associated Membrane Protein 3; VAMP-3; VAMP 3; VAMP3; CEB; Cellubrevin; Synaptobrevin 3; Synaptobrevin-3; MGC108618; Vamp3; D130027G05Rik; VAMP3_HUMAN; Vesicle-associated membrane protein 3. |
| <b>Organism Species:</b>      | Rabbit   |
| <b>Clonality:</b>             | Polyclonal   |
| <b>React Species:</b>         | Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,Guinea Pig,   |
| <b>Applications:</b>          | WB=1:500-2000ELISA=1:500-1000IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair)<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.   |
| <b>Molecular weight:</b>      | 25kDa  |
| <b>Cellular localization:</b> | cytoplasmicThe cell membrane   |
| <b>Form:</b>                  | Lyophilized or Liquid  |
| <b>Concentration:</b>         | 1mg/ml   |
| <b>immunogen:</b>             | KLH conjugated synthetic peptide derived from human VAMP-1+2+3:21-118/118<Cytoplasmic>   |
| <b>Lsotype:</b>               | IgG  |
| <b>Purification:</b>          | affinity purified by Protein A   |
| <b>Storage Buffer:</b>        | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.   |
| <b>Storage:</b>               | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year   |

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|                        | when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.  |
| <b>PubMed:</b>         | <a href="#">PubMed</a>  |
| <b>Product Detail:</b> | <p>Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. This gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Because of its high homology to other known VAMPs, its broad tissue distribution, and its subcellular localization, the protein encoded by this gene was shown to be the human equivalent of the rodent cellubrevin. In platelets the protein resides on a compartment that is not mobilized to the plasma membrane on calcium or thrombin stimulation. [provided by RefSeq, Jul 2008].</p> <p><b>Function:</b><br/>SNARE involved in vesicular transport from the late endosomes to the trans-Golgi network.</p> <p><b>Subunit:</b><br/>Interacts with VAPA and VAPB.</p> <p><b>Subcellular Location:</b><br/>Membrane; Single-pass type IV membrane protein (Probable). Cell junction, synapse, synaptosome.</p> <p><b>Tissue Specificity:</b><br/>Nervous system, skeletal muscle and adipose tissue.</p> <p><b>Similarity:</b><br/>Belongs to the synaptobrevin family.<br/>Contains 1 v-SNARE coiled-coil homology domain.</p> <p><b>SWISS:</b><br/>P23763</p> <p><b>Gene ID:</b><br/>6843</p> <p><b>Database links:</b></p> <p><a href="#">Entrez Gene: 6843</a> Human</p> <p><a href="#">Entrez Gene: 6844</a> Human</p> <p><a href="#">Entrez Gene: 9341</a> Human</p> <p><a href="#">Entrez Gene: 22317</a> Mouse</p> |

[Entrez Gene: 22318](#) Mouse

[Entrez Gene: 22319](#) Mouse

[Entrez Gene: 24803](#) Rat

[Entrez Gene: 25624](#) Rat

[Entrez Gene: 29528](#) Rat

[Omim: 185880](#) Human

[Omim: 185881](#) Human

[Omim: 603657](#) Human

[SwissProt: P23763](#) Human

[SwissProt: P63027](#) Human

[SwissProt: Q15836](#) Human

[SwissProt: P63024](#) Mouse

[SwissProt: P63044](#) Mouse

[SwissProt: Q62442](#) Mouse

[SwissProt: P63025](#) Rat

[SwissProt: P63045](#) Rat

[SwissProt: Q63666](#) Rat

[Unigene: 20021](#) Human

[Unigene: 25348](#) Human

[Unigene: 66708](#) Human

[Unigene: 273930](#) Mouse

[Unigene: 28643](#) Mouse

[Unigene: 32321](#) Mouse

[Unigene: 12939](#) Rat

[Unigene: 219999](#) Rat

[Unigene: 31977](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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