

## VAMP 1/2/3

Cat.No. 104 102; Polyclonal rabbit antibody, 200 µl antiserum (lyophilized)

### Data Sheet

|                            |                                                                                                                                                                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reconstitution/<br>Storage | 200 µl antiserum, lyophilized. For reconstitution add 200 µl H <sub>2</sub> O, then aliquot and store at -20°C until use.                                                                                                                           |
| Applications               | <b>WB:</b> 1 : 1000 up to 1 : 5000 (AP staining)<br><b>IP:</b> yes<br><b>ICC:</b> 1 : 500 (see remarks)<br><b>IHC:</b> not tested yet<br><b>IHC-P/FFPE:</b> not tested yet<br><b>ELISA:</b> yes                                                     |
| Immunogen                  | Recombinant protein corresponding to AA 1 to 82 from rat Cellubrevin (UniProt Id: P63025)                                                                                                                                                           |
| Reactivity                 | Reacts with: human (P23763, P63027, Q15836), rat (Q63666, P63045, P63025), mouse (Q62442, P63044, P63024).<br>Other species not tested yet.                                                                                                         |
| Specificity                | Specific for all three isoforms VAMP 1, 2 and 3.                                                                                                                                                                                                    |
| Remarks                    | <b>ICC:</b> Methanol and acetone fixation; see Annaert et al., 1997<br>This antibody is recommended for ICC of non-neuronal cells.<br>This antibody detects the tetanus and Botulinum B toxin cleavage product in toxin treated tissue homogenates. |

### TO BE USED IN VITRO / FOR RESEARCH ONLY

### NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

**Cellubrevin/VAMP3** is the non-neuronal isoform of the synaptobrevin/VAMP family which belongs to the v-SNAREs. Like the neuronal isoforms Synaptobrevin1/VAMP1 and Synaptobrevin2/VAMP2 it is composed of an N-terminal cytoplasmic region and a C-terminal transmembrane domain. Cellubrevin/VAMP3 localizes to an endosomal membrane pool, where it constitutes an essential component of the membrane fusion machinery. Like the synaptobrevins, cellubrevin is a substrate for the tetanus toxin.

### Selected References SYSY Antibodies

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