

## Cellubrevin

**Cat.No. 104 103; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)**

### Data Sheet

|                            |                                                                                                                                                                                                                                                         |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reconstitution/<br>Storage | 50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 µl H <sub>2</sub> O to get a 1mg/ml solution in PBS. 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> yes<br><b>IHC:</b> yes<br><b>IHC-P/FFPE:</b> 1 : 200<br><b>EM:</b> yes                                                                                                |
| Immunogen                  | Synthetic peptide corresponding to AA 2 to 14 from rat Cellubrevin (UniProt Id: P63025)                                                                                                                                                                 |
| Reactivity                 | Reacts with: rat (P63025), mouse (P63024), pig.<br>No signal: human, zebrafish.<br>Other species not tested yet.                                                                                                                                        |
| Specificity                | Specific for VAMP 3. No cross reactivity to VAMP 1 and VAMP 2. (K.O. verified)                                                                                                                                                                          |
| matching<br>control        | 104-1P                                                                                                                                                                                                                                                  |

**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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Vesicle-associated membrane protein-2 (VAMP2) mediates cAMP-stimulated renin release in mouse juxtaglomerular cells.  
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