

## Cellubrevin

Cat.No. 104-1P; control peptide, 100 µg peptide (lyophilized)

### Data Sheet

Reconstitution/ Storage	100 µg peptide, lyophilized. For reconstitution add 100 µl H <sub>2</sub> O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use. Control peptides should also be stored at -20°C when still lyophilized!
Immunogen	Synthetic peptide corresponding to AA 2 to 14 from rat Cellubrevin (UniProt Id: P63025)
Recommended dilution	Optimal concentrations should be determined by the end-user.
matching antibodies	104 103
Remarks	This control peptide consists of the synthetic peptide (aa 2-14 of rat cellubrevin) that has been used for purification. It has been tested in preadsorption experiments and blocks efficiently and specifically the corresponding signal in Western blots. The amount of peptide needed for efficient blocking depends on the titer and on the affinity of the antibody to the antigen.

### 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.

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