

VAMP 1/2/3

Cat.No. 104 203; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

Data Sheet

Reconstitution/ Storage	50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 up to 1 : 5000 (AP staining) IP: not recommended ICC: 1 : 500 (see remarks) IHC: 1 : 200 IHC-P/FFPE: 1 : 500 ELISA: 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), zebrafish. Other species not tested yet.
Specificity	Specific for all three isoforms VAMP 1, 2 and 3.
Remarks	ICC: Methanol and acetone fixation; see Annaert et al., 1997 This antibody is recommended for ICC of non-neuronal cells. 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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