

Membrin

Cat.No. 170 003; 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 (AP staining) IP: yes ICC: 1 : 100 up to 1 : 1000 IHC: not tested yet IHC-P/FFPE: not tested yet
Immunogen	Recombinant protein corresponding to AA 2 to 190 from rat Membrin (UniProt Id: O35165)
Reactivity	Reacts with: rat (O35165), mouse (O35166). Other species not tested yet.
Specificity	Specific for membrin.

TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Membrin also known as **GOSR 2**, **GS 27** and **GOS 27** is a 27 kDa membrane protein on the surface of the Golgi compartment. It has been shown to serve as a tSNARE in ER to Golgi transport. In co-immunoprecipitation studies membrin was identified as a member of a SNARE complex consisting of syntaxin 5, GOSR 1 (GS 28, GOS 28), rbet1 and rsec22. A more detailed analysis revealed two subcomplexes within this complex. One contains syntaxin 5 (mainly the shorter 35 kDa variant) and GS 28 whereas the other is composed of syntaxin 5 (35 and 42 kDa variant), membrin, rsec22 and rbet1. It has been suggested that these complexes mediate the fusion of ER-derived vesicles with vesicular tubular clusters (VTC), and the fusion of VTCs to form the cis-Golgi compartment.

Selected References SYSY Antibodies

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