

## GS 15

Cat.No. 199 003; 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 <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 (AP staining) <b>IP:</b> not tested yet <b>ICC:</b> 1 : 100 up to 1 : 500 <b>IHC:</b> not tested yet <b>IHC-P/FFPE:</b> not tested yet
Immunogen	Recombinant protein corresponding to AA 3 to 86 from mouse GS15 (UniProt Id: O35153)
Reactivity	Reacts with: rat (O35152), mouse (O35153). Other species not tested yet.
Specificity	Specific for GS 15.
matching control	199-0P

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

**GS 15** also referred to as **GOS 15** and **Bet 1L** is a member of the SNARE family of proteins and is related to Bet 1. It has been shown to form a complex with syntaxin 5, GOSR 1/GS 28 and Ykt 6. It is involved in early/recycling endosome (EE/RE) to the trans-Golgi network (TGN) trafficking.

### Selected References SYSY Antibodies

Chlamydia trachomatis hijacks intra-Golgi COG complex-dependent vesicle trafficking pathway. Pokrovskaya ID, Szwedlo JW, Goodwin A, Lupashina TV, Nagarajan UM, Lupashin VV Cellular microbiology (2012) 14(5): 656-68. ICC

### Selected General References

Participation of the syntaxin 5/Ykt6/GS28/GS15 SNARE complex in transport from the early/recycling endosome to the trans-Golgi network.

Tai G, Lu L, Wang TL, Tang BL, Goud B, Johannes L, Hong W  
Molecular biology of the cell (2004) 15(9): 4011-22.

Countercurrent distribution of two distinct SNARE complexes mediating transport within the Golgi stack.

Volchuk A, Ravazzola M, Perrelet A, Eng WS, Di Liberto M, Varlamov O, Fukasawa M, Engel T, Söllner TH, Rothman JE, Orci L, et al.

Molecular biology of the cell (2004) 15(4): 1506-18.

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Xu Y, Martin S, James DE, Hong W  
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GS15, a 15-kilodalton Golgi soluble N-ethylmaleimide-sensitive factor attachment protein receptor (SNARE) homologous to rbet1.

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