

SV 31

Cat.No. 228 002; Polyclonal rabbit antibody, 200 µl antiserum (lyophilized)

Data Sheet

Reconstitution/ Storage	200 µl antiserum, lyophilized. For reconstitution add 200 µl H ₂ O, then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 (AP staining) IP: not tested yet ICC: 1 : 500 IHC: 1 : 100 IHC-P/FFPE: 1 : 500
Immunogen	Synthetic peptide corresponding to AA 44 to 63 from rat SV31
Reactivity	Reacts with: rat (A9CMA6). Other species not tested yet.
Specificity	Specific for SV 31.

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

SV 31 is a synaptic vesicle protein expressed in a subset of GABAergic and glutamatergic nerve terminals. It is a putative transporter that contains 6 predicted transmembrane domains. Its function has not yet been determined.

Selected References SYSY Antibodies

The synaptic vesicle protein SV31 assembles into a dimer and transports Zn²⁺.
Waberer L, Henrich E, Peetz O, Morgner N, Dötsch V, Bernhard F, Volkandt W
Journal of neurochemistry (2017) 140(2): 280-293. **WB**

Selected General References

Identification and characterization of SV31, a novel synaptic vesicle membrane protein and potential transporter.
Burré J, Zimmermann H, Volkandt W
Journal of neurochemistry (2007) 103(1): 276-87.