

Neurologin 1 cytoplasmic domain

Cat.No. 129 013; 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: not tested yet ICC: not tested yet IHC: not tested yet IHC-P/FFPE: not tested yet
Immunogen	Recombinant protein corresponding to AA 718 to 843 from rat Neurologin1 (UniProt Id: Q62765)
Reactivity	Reacts with: rat (Q62765), mouse (Q99K10). Other species not tested yet.
Specificity	Specific for neurologin 1, no cross reactivity to neurologins 2, 3, 4. (K.O. verified)

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

Neurologins form a family of postsynaptic cell surface molecules that interact with β -neurexins. They are 110-120 kDa polypeptides with homology to acetylcholine esterase. **Neurologin 1** and neurologin 3 are specifically localized to post-synaptic densities of excitatory synapses whereas neurologin 2 is found exclusively on inhibitory synapses. Mutations in neurologin 3 and neurologin 4 have been implicated with a rare, heritable form of autism.

Selected References SYSY Antibodies

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Selected General References

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