

Neurologin WT lysate

Cat.No. 510-Nlg-WT; , 200 µg tissue lysate

Data Sheet

Reconstitution/Storage	200 µg lysate in 1 X SDS PAGE loading buffer 'ready to use'. Total volume: 100 µl. Concentration: 2 mg/ml. Aliquot and store at -20°C until use.
Applications	WB: yes (see remarks)
Loading/lane	10-30 µg
Source	Balb-C
Remarks	WB: Since several synaptic proteins aggregate after boiling, these lysates are unboiled. Boil sample before loading, if this is recommended for your protocol.

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

Selected General References

Activity-dependent validation of excitatory versus inhibitory synapses by neuroligin-1 versus neuroligin-2. Chubykin AA, Atasoy D, Etherton MR, Brose N, Kavalali ET, Gibson JR, Südhof TC. Neuron (2007) 54(6): 919-31.

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Neuroligin 2 is exclusively localized to inhibitory synapses.

Varoqueaux F, Jamain S, Brose N. European journal of cell biology (2004) 83(9): 449-56.

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Neuroligin 1 is a postsynaptic cell-adhesion molecule of excitatory synapses.

Song JY, Ichtchenko K, Südhof TC, Brose N. Proceedings of the National Academy of Sciences of the United States of America (1999) 96(3): 1100-5.

The making of neurexins.

Missler M, Fernandez-Chacon R, Südhof TC. Journal of neurochemistry (1998) 71(4): 1339-47.

Structures, alternative splicing, and neurexin binding of multiple neuroligins.

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