

Doklady Biochemistry and Biophysics 2015 vol.464 N1, pages 272-274

Synaptosome-associated protein 25 (SNAP25) synthesis in terminal buttons of mouse motor neuron

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Abstract

© 2015, Pleiades Publishing, Ltd. Previously, we formulated the hypothesis of compartmentalized protein synthesis in axons of motor neurons. In the axon hillock, along the entire length of the axon and in its ending, specific proteins are locally synthesized, which ensure the function of each compartment. In support of this hypothesis, in this work we studied the local protein synthesis in mouse motor nerve ending.

<http://dx.doi.org/10.1134/S1607672915050026>
