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Product Information

ANTI-SYNAPSIN I **Developed in Rabbit** **Affinity Isolated Antibody**

Product Number **S193**

Product Description

Anti-Synapsin I can be used for the localization and detection of synapsin I (synapsins Ia and Ib, approximately 80 kDa and 77 kDa, are collectively referred to as synapsin I) in nerve terminals. This antibody can be used in immunohistochemistry, immunoblotting, immunoprecipitation and ELISA.

Anti-Synapsin I was developed in rabbit using synapsin I purified from bovine brain as the immunogen. It was lyophilized from ammonium bicarbonate (5 mM), so some residual salt may be present upon reconstitution; reconstitute in 50 μ l sterile PBS.

Anti-Synapsin I shows strong and specific immunolabeling of synapsin I doublet in immunoblotting. Immunolabeling is blocked by preadsorption of antibody with immunogen. Cross-reaction seen with rat, mouse, bovine and human tissue.

Reagents

Anti-Synapsin I is provided as lyophilized powder. It is lyophilized from 5 mM ammonium bicarbonate.

Storage/Stability

For continuous use, store at 2-8 °C for up to one month. For extended storage, solution may be frozen at -20 °C in working aliquots. Storage in "frost-free" freezers is not recommended. Repeated freezing and thawing is not recommended.

References

1. Stone, L.M. et al. J. Neurosci. **14**, 301-309 (1994).
2. Fletcher, T.L. et al. J. Neurosci. **11**, 1617-1626 (1991).
3. Moore, R.Y. et al. J. Neurosci. **9**, 2151-2162 (1989).
4. Navone, F. et al. Science **226**, 1209-1211 (1984).
5. De Camilli, P. et al. J. Cell. Biol. **96**, 1337-1354 (1983).

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