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Mouse Stellate Immunohistochemistry protocol

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Protocol status: Working
We use this protocol and it's working

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Troubleshooting

1 See mouse steallte isolation protocol

2 Complete/intact stellate ganglia are fixed in 4% paraformaldehyde overnight at 4^{o}C.

3 Fixed tissue is rinsed in phosphate buffered saline (PBS), and stored in PBS + 0.02% sodium azide.

4 The stellate ganglion whole mounts are permeabilized in 'block' solution. (10% normal donkey serum in 1.0% BSA + 0.4% Triton X-100 + PBS).

5 Ganglia are stained with antibodies directed to either tyrosine hydroxylase (TH) or protein gene product 9.5 (PGP 9.5). Secondary staining with streptavidin conjugated to ATTO-647N was used to visualize neurobiotin filling. Stained tissue was rinsed in PBS and mounted on glass slides.