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SynBot Protocols V.2

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ASAP Collaborative Rese...

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We use this collection and it's working

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discovery in research in Basic
Brain Science and Brain
Diseases**

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Abstract

Protocols related to the paper *SynBot: An open-source image analysis software for automated quantification of synapses*. Includes details of rat neuron and astrocyte culture, *in vitro* synapse staining, *in vivo* synapse staining, and using SynBot with manual or ilastik thresholding.

Files

 SEARCH

Protocol



NAME

Installing FIJI and SynBot (Windows Version)

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Installing FIJI and SynBot (Mac Version)

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ilastik install and run for Syn Bot (Windows Version)

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Quantifying Synaptic Colocalizations with SynBot (Manual Thresholding)

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🚩 Synapse Staining - IHC - VGluT1 and PSD95 - Mouse Brain Sections

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Astrocyte Isolation and ACM Production

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Glia-Free Cortical Neuronal Feeding Schedule - Synapse Formation

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Creating Simulated Synapse Images

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