Mar 13, 2020 Version 2

DAB Detection of Biocytin Labeled Tissue V.2

DOI
dx.doi.org/10.17504/protocols.io.bdpji5kn

Allen Institute for Brain Science[1]

[1]Allen Institute

BICCN / BICAN | Allen Institute for Brain S...

Dillan Brown

OPEN ACCESS

DOI: dx.doi.org/10.17504/protocols.io.bdpji5kn

Protocol Citation: Allen Institute for Brain Science 2020. DAB Detection of Biocytin Labeled Tissue. **protocols.io** **https://dx.doi.org/10.17504/protocols.io.bdpji5kn**

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

Created: March 13, 2020

Last Modified: March 13, 2020

Protocol Integer ID: 34251

Keywords: DAB, biocytin, diaminobenzidine, staining, coverslipping, mounting, PF0285,

Abstract

This protocol describes the process for diaminobenzidine (DAB) detection of biocytin filled cells. This protocol is optimized for use with brain slices cut at 350 µm thick, in which cells are first filled with biocytin (i.e., post-electrophysiological recording), fixed in 4% PFA/2.5% glutaraldehyde, and transferred to PBS until ready to stain.

Note: Research reported in this publication was supported by the National Institute Of Mental Health of the National Institutes of Health under Award Number U19MH114830. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health.

Attachments

DOCX

PF0285_DAB_Detection...

311KB