

Apr 14, 2020 Version 4

DAB Detection of Biocytin Labeled Tissue V.4

DOI

dx.doi.org/10.17504/protocols.io.be2cjgaw

Allen Institute for Brain Science¹

¹Allen Institute

BICCN / BICAN

Allen Institute for Brain S...



Dillan Brown

OPEN  ACCESS



DOI: dx.doi.org/10.17504/protocols.io.be2cjgaw

Protocol Citation: Allen Institute for Brain Science 2020. DAB Detection of Biocytin Labeled Tissue. [protocols.io](#)
<https://dx.doi.org/10.17504/protocols.io.be2cjgaw>

License: This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working

We use this protocol and it's working

Created: April 14, 2020

Last Modified: April 14, 2020

Protocol Integer ID: 35620

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



[PF0285_DAB_Detection.](#)

..

311KB

