



Mar 02,
2020

DAB Solutions

Allen Institute for Brain Science¹

¹Allen Institute

1

Works for me

[dx.doi.org/10.17504/protocols.io.bctkiwkw](https://doi.org/10.17504/protocols.io.bctkiwkw)

BICCN

Allen Institute for Brain Science



Dillan Brown



ABSTRACT

3, 3' Diaminobenzidine (DAB) is a commonly used chromogen for histological staining. In the presence of peroxidase enzyme, DAB produces a brown precipitate that is insoluble in alcohol and xylene. Peroxidase catalyzes hydrogen peroxide oxidation of substrate DAB. This SOP provides instructions to prepare four different formulations of DAB. DAB for Immunohistochemical staining (IHC), DAB for Acetylcholinesterase (AChE) Staining, Nickel Enhanced DAB for Biocytin staining, and DAB for Biocytin staining.

ATTACHMENTS

[RP0168_DAB-Solution.docx](#)



This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited