

Resource Summary Report

Generated by SPARC SAWG on Jul 29, 2026

EPBscore

RRID:SCR_013846

Type: Tool

Proper Citation

EPBscore (RRID:SCR_013846)

Resource Information

URL: <http://brainmatrix.me/tools/>

Proper Citation: EPBscore (RRID:SCR_013846)

Description: A software application which tracks EPBs. EPBscore tool uses maximal intensity for the following reasons: 1) the integrated intensity is affected by the sampling density and it is not clear how large an area one should integrate over. This is often determined by ad- hoc criteria with no theoretical justification. 2) The integrated intensity is susceptible to movement artifacts. 3) As shown in (Grillo et al. 2013), the maximal intensity scales over the whole range of EPB intensities is considered. Importantly, the tool successfully minimizes human input by automating the EPB scoring and measurement steps., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Resource Type: software resource

Keywords: software application, tool, en passant boutons, axon, cortical presynaptic structure

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: EPBscore

Resource ID: SCR_013846

Record Creation Time: 20220129T080318+0000

Record Last Update: 20260725T190756+0000

Ratings and Alerts

No rating or validation information has been found for EPBscore.

No alerts have been found for EPBscore.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Song S, et al. (2016) EPBscore: a Novel Method for Computer-Assisted Analysis of Axonal Structure and Dynamics. Neuroinformatics, 14(1), 121.