Supporting Information

Fast immuno-labeling by electrophoretically driven infiltration for intact tissue imaging

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Supplementary figures

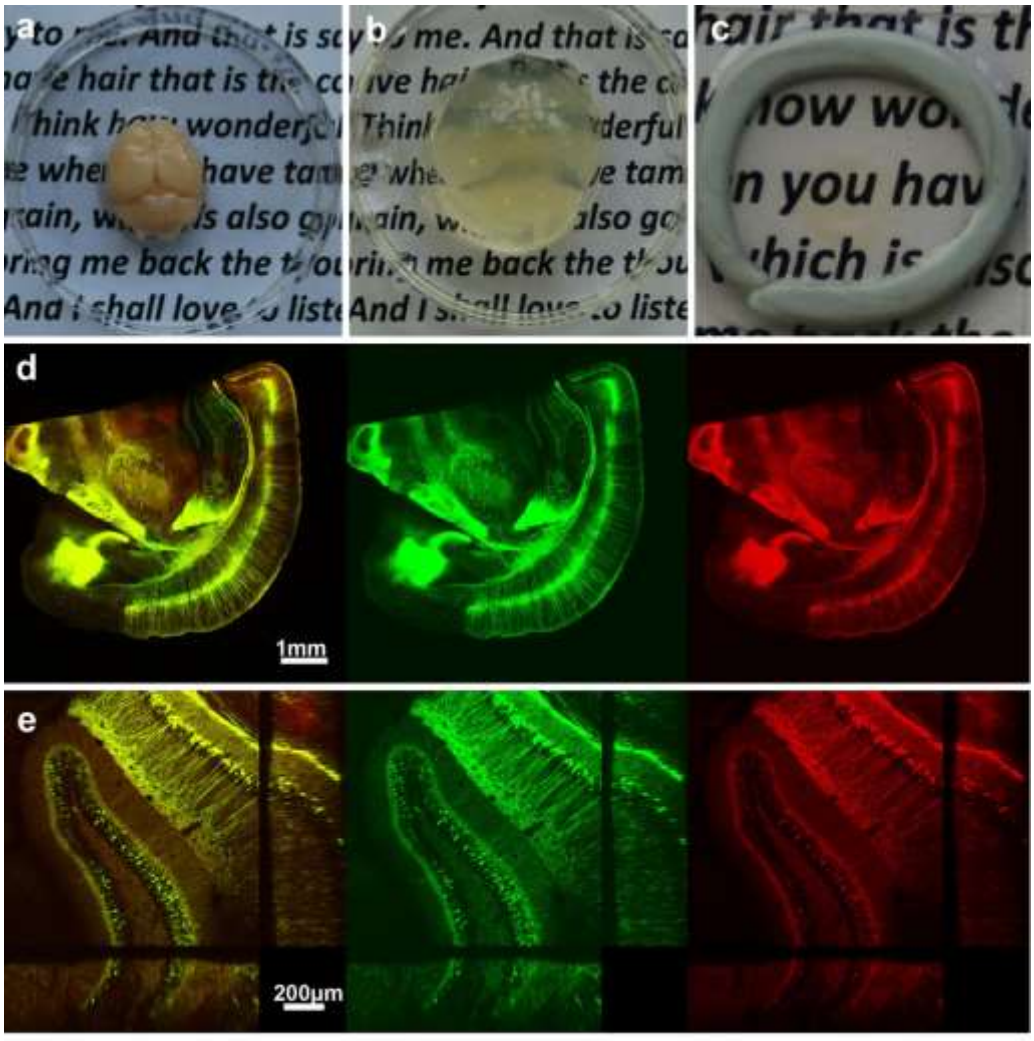

Figure S1. Images of clarified adult mouse brain. (a) A mouse brain before CLARITY. (b) The same mouse brain after CLARITY. (c) A 500-μm thick section of the clarified mouse brain immersed in FocusClear. (d) Fluorescent images of a brain section from a mouse expressing Thy1-YFP obtained with confocal microscopy (green: GFP, red: anti-GFP). (e) Higher magnified images of the Thy1-YFP mouse brain section shown in (d). In each panel, the main image is the x-y cross-section, the image on the right is the y-z cross section, and the image at the bottom is the x-z cross-section.

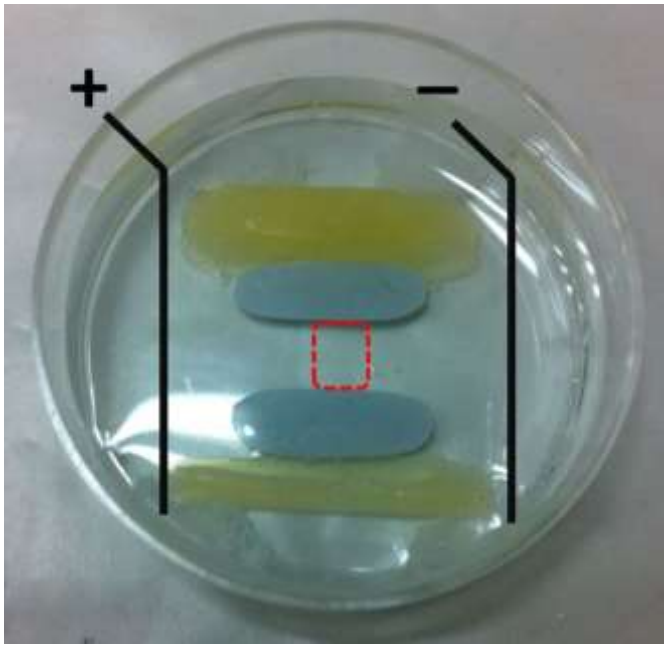

Figure S2. Schematic diagram of the sample assembly used to electrophoretically drive the antibodies within the clarified tissue. Superimposed on a photograph of the assembly is a red box indicating the location of the brain section and black lines representing the two platinum electrodes.