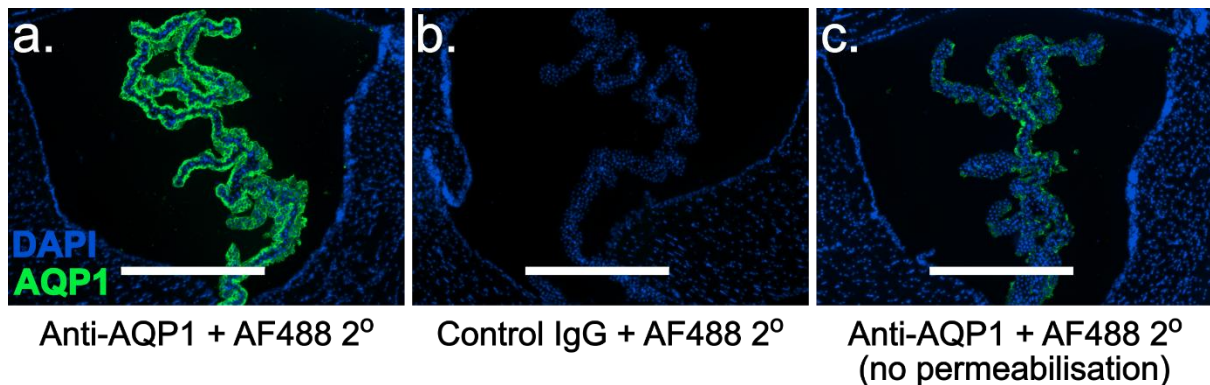


Additional File 3



Supplemental Figure S2. Validation of AQP1 Fluorescent Immunocytochemistry Antibody. (a) Conventional staining with anti-AQP1 antibody and signal intensity around the apical membrane of the choroid plexus epithelium where AQP1 is expected to be located. (b) Staining is absent when the primary antibody is omitted and replaced with a non-immune IgG. (c) The antibody used was known to be directed against an intracellular portion of AQP1. In the absence of cell permeabilisation by omission of Triton X-100 from solutions, staining was considerably reduced as expected. Residual staining is due to the sectioning plane which may cut through or damage some cells. Scale bars are 400 μm . AF488 2°, indicates the presence of the AlexaFluor-488 conjugated secondary antibody.