

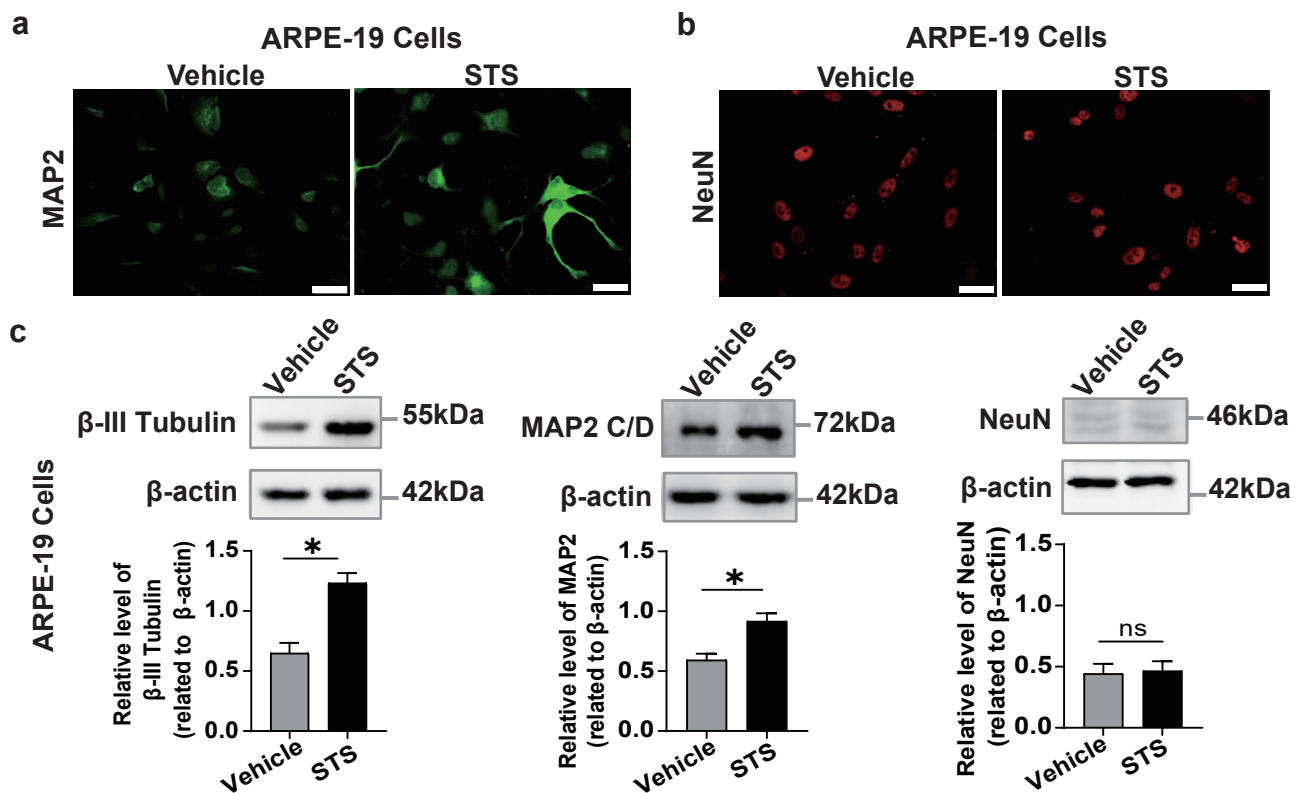


Figure S1. Immunostaining and western blots showing the expression of neural markers in ARPE-19 cells after STS treatment. **a, b.** Immunostaining for neuronal markers NeuN and MAP2 in ARPE-19 cells treated with 75 nM STS or vehicle (0.05% DMSO in medium) for 6 h. Scale bar, 10 μ m. **c** Western blots (cropped blot images) showing the effect of differentiation with STS on the level of β -III tubulin, NeuN and MAP2 proteins in ARPE-19 cells. β -actin was used as an internal control. The results are shown as the means $\pm$ SEM ($n = 5$, *: $P < 0.05$, ns: not statistically significant).