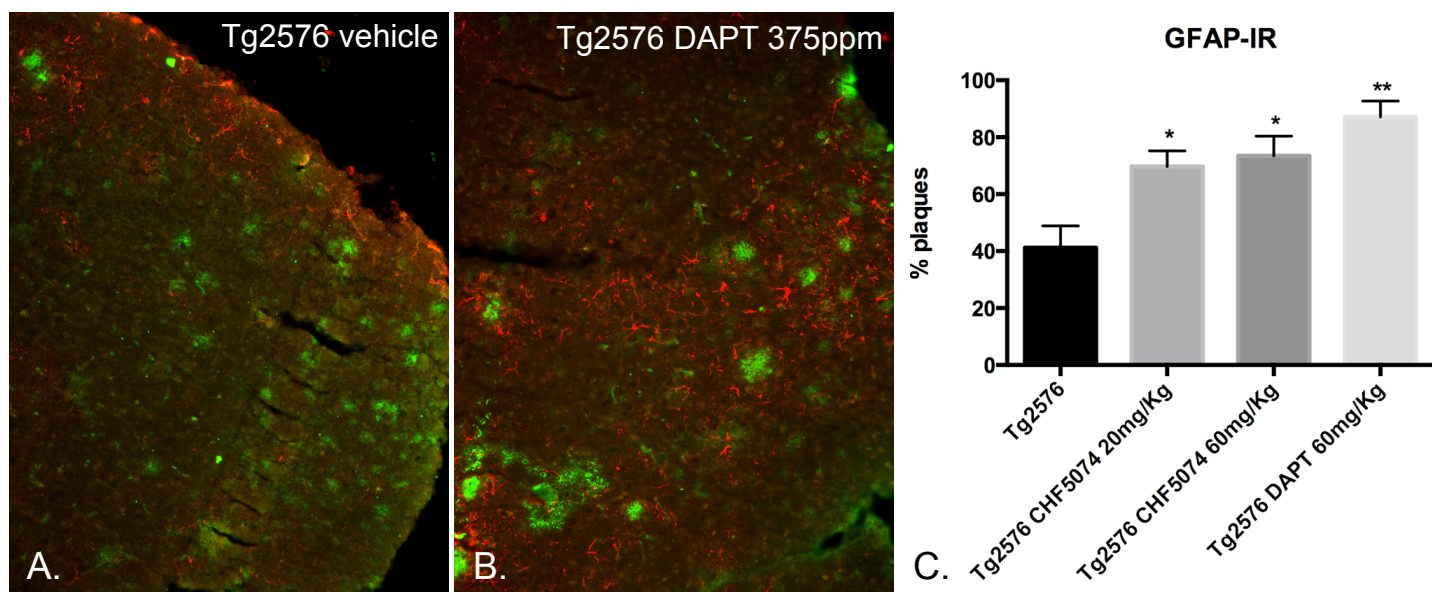




Supplementary Fig 3.

Representative images of 6E10 (green) and GFAP- (red) immunostaining in the cerebral cortex of Tg2576 vehicle- (A) and DAPT 375ppm- (B) treated animals. A large number of plaques is observed in both groups, while the GFAP-immunostaining is strongly up-regulated in treated animal. C. semiquantitative evaluation of GFAP immunostaining in the experimental groups. The analysis was performed by evaluating the percentage of plaques surrounded by reactive astrocytes, as evaluated in an area doubling the plaque diameter (see Imbimbo et al. 2010, for details). Treated animals show an intense up-regulation of GFAP-immunostaining around the plaques. Statistical analysis: one-way ANOVA and Dunnet's post-hoc test. * $p < 0.05$; ** $p < 0.001$.