

Figure S1

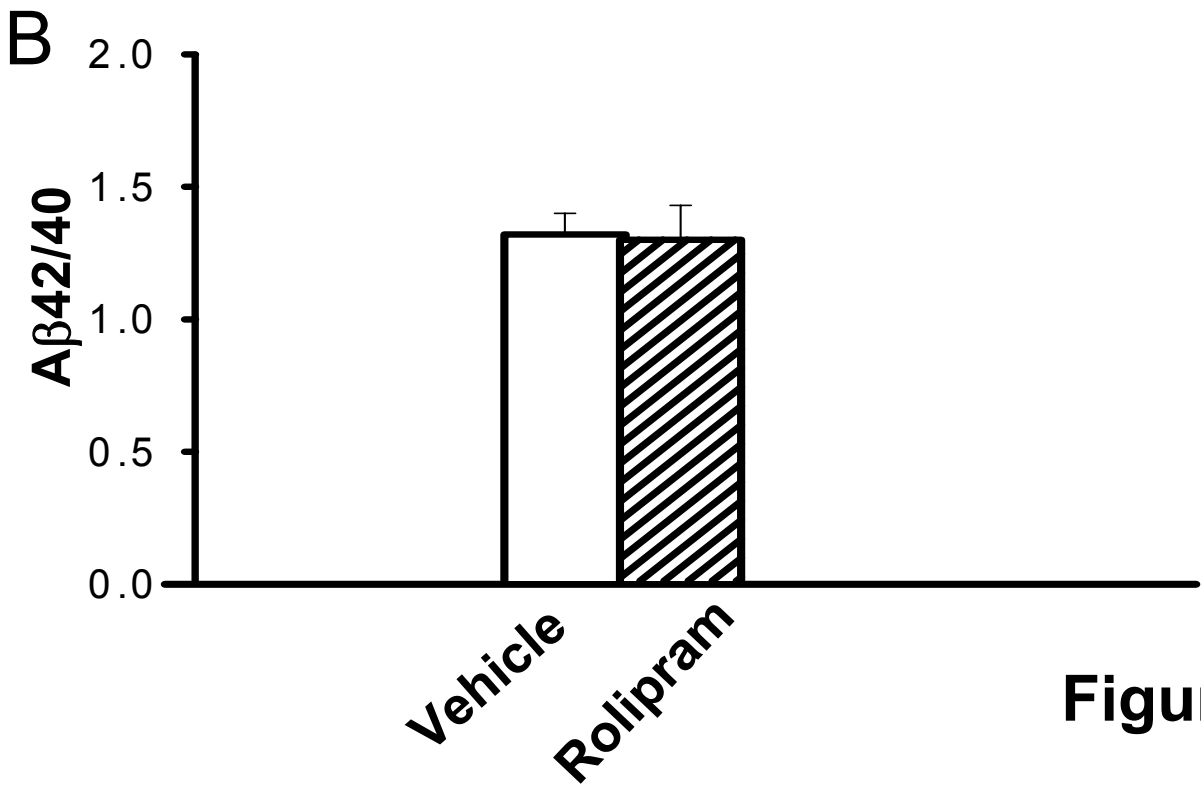
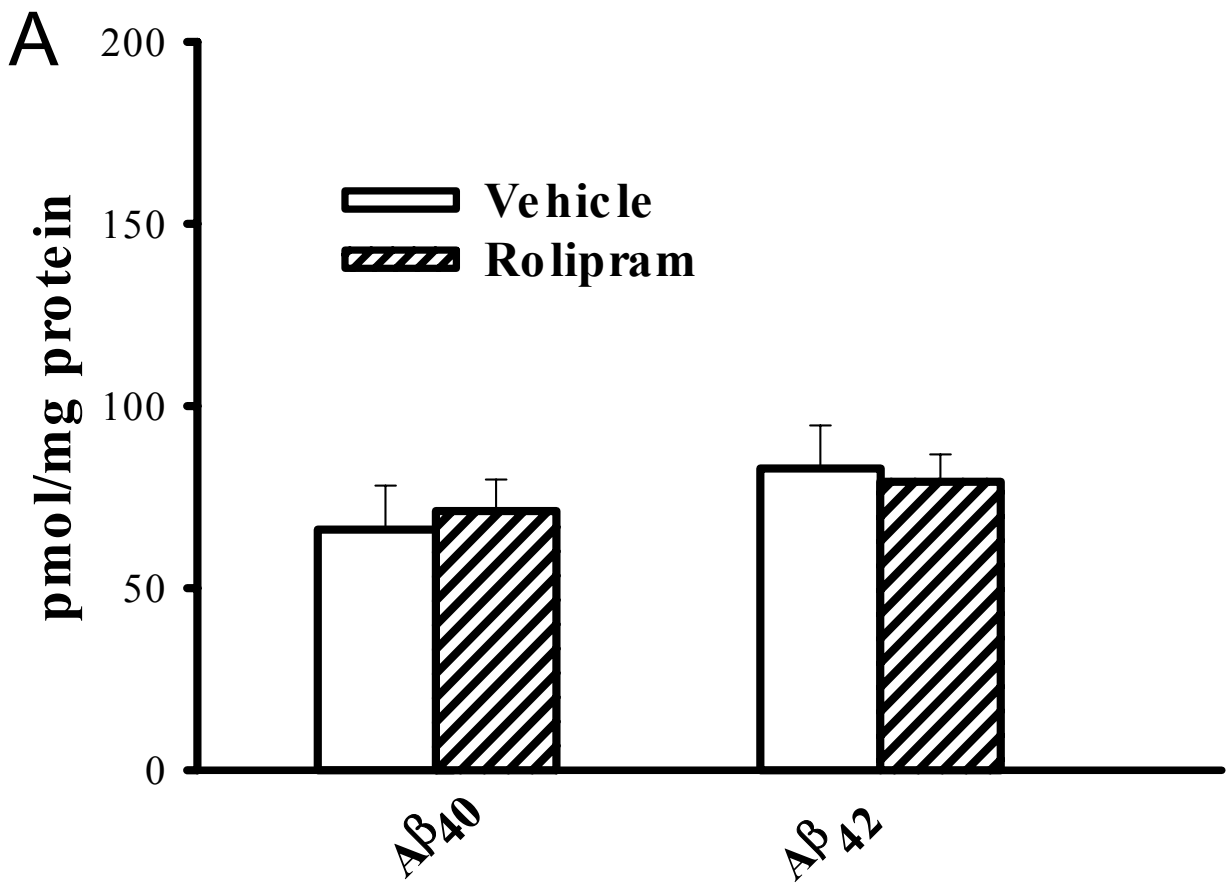


Figure S2

Figure S1. Rolipram injections do not improve radial-arm water-maze deficit in 3-month-old APP/PS1 mice. Double transgenic animals treated with vehicle 30 minutes before testing show impaired learning and memory for platform location during radial-arm water-maze testing compared to vehicle-treated WT mice [$F(1,22)=5.65, P < 0.05$]. Rolipram has no effect on the performance of APP/PS1 [$F(1,29)=0.27, P > 0.05$] and WT littermates [$F(1,21)=0.18, P > 0.05$] with the radial-arm water-maze test. A1-A4 (performed consecutively) denote the acquisition trials, whereas R (performed 30 minutes after A4) denotes the retention trial.

Figure S2. Daily injections of rolipram for 3 weeks in 3 month-old APP/PS1 mice do not affect A β levels in 7-8 month old transgenic mice.