



Additional file 2. Fig. S2: CVN and WT mice were treated *in vivo* with mouse anti-SEMA4D “aS4D” or mouse isotype-matched control antibody “CTRL” Brains were collected at week 41. **a.** Hippocampal region CA1-3 including stratum oriens, radiatum and pyramidal layer of CVN and wild type mice were stained for NeuN. Differences between groups were not statistically significant, as determined by 2-way ANOVA with Bonferroni’s adjustment. **b.** Error rate in Radial Arm Water Maze at week 36, group mean of all animals+SEM is shown. Statistical significance was determined by unpaired t-test, p-value is indicated; * p<0.05.