

Supplementary figure 1. The staining with anti-MacroD2 was diminished by pre-incubation with GST-MacroD2 but not with GST. Primary antibody solutions containing anti-MacroD2 were preincubated with GST (a) or GST-MacroD2 (b) at 4°C for 24h. P7 (A - C) and P30 (D) mouse brain sections were stained with these antibody mixtures as described in "Materials and methods". Representative regions that exhibited prominent staining were presented. Scale bar, 20  $\mu$ m.