

Fig. S1. Changes in the hypothalamic levels of NA, DA, DOPAC, 5HTP, 5HT and 5HIAA in rainbow trout exposed to acute handling stress for 15 s, 2 min, 5 min or 15 min and killed immediately afterwards. Values are means \pm s.e.m. ($N=10$). Different letters indicate statistically significant differences among groups.

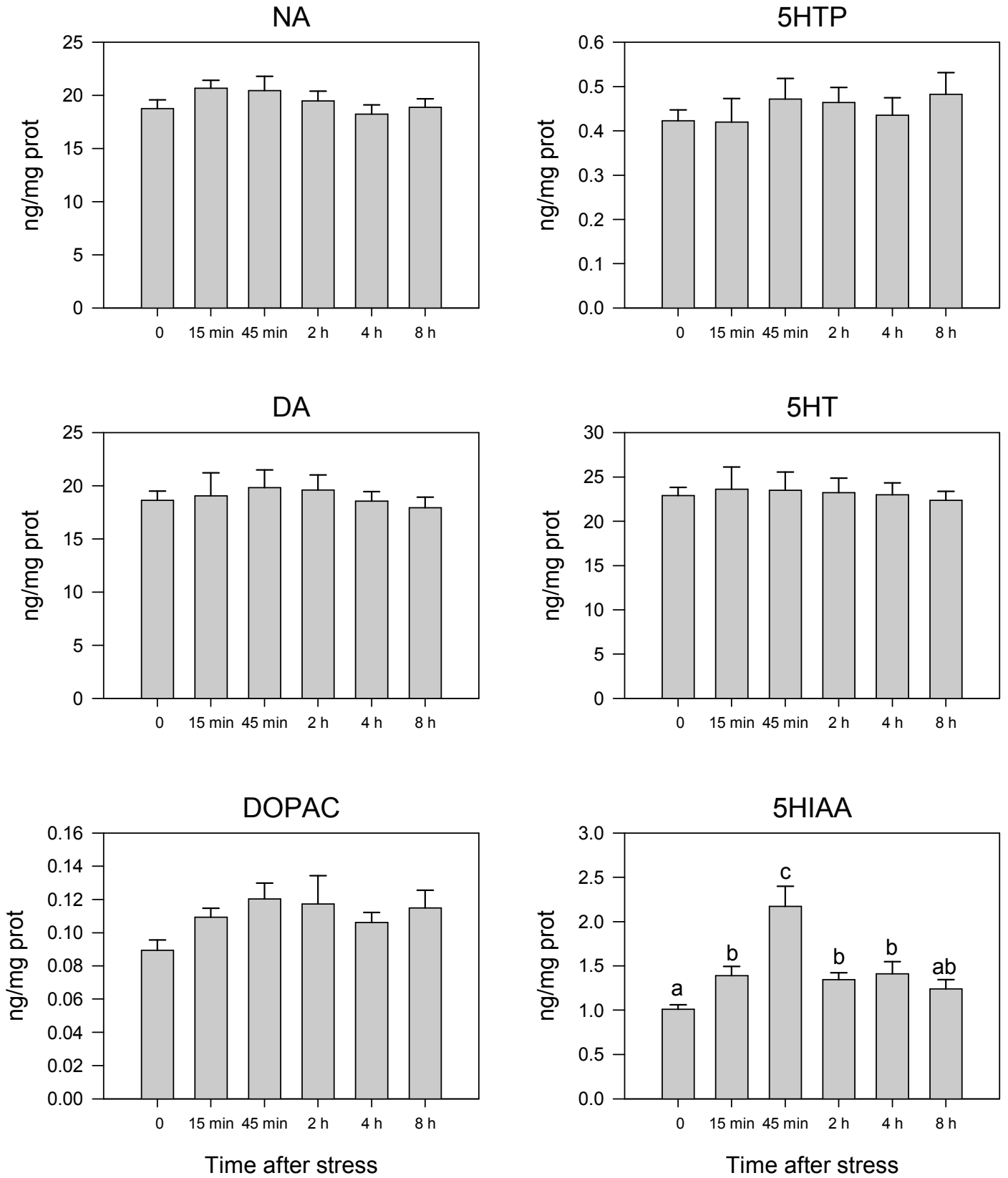


Fig. S2. Changes in the hypothalamic levels of NA, DA, DOPAC, 5HTP, 5HT and 5HIAA in rainbow trout exposed to 5 min of handling stress and killed 15 min, 45 min, 2 h, 4 h or 8 h later. Values are means \pm s.e.m. ($N=10$). Different letters indicate statistically significant differences among groups.

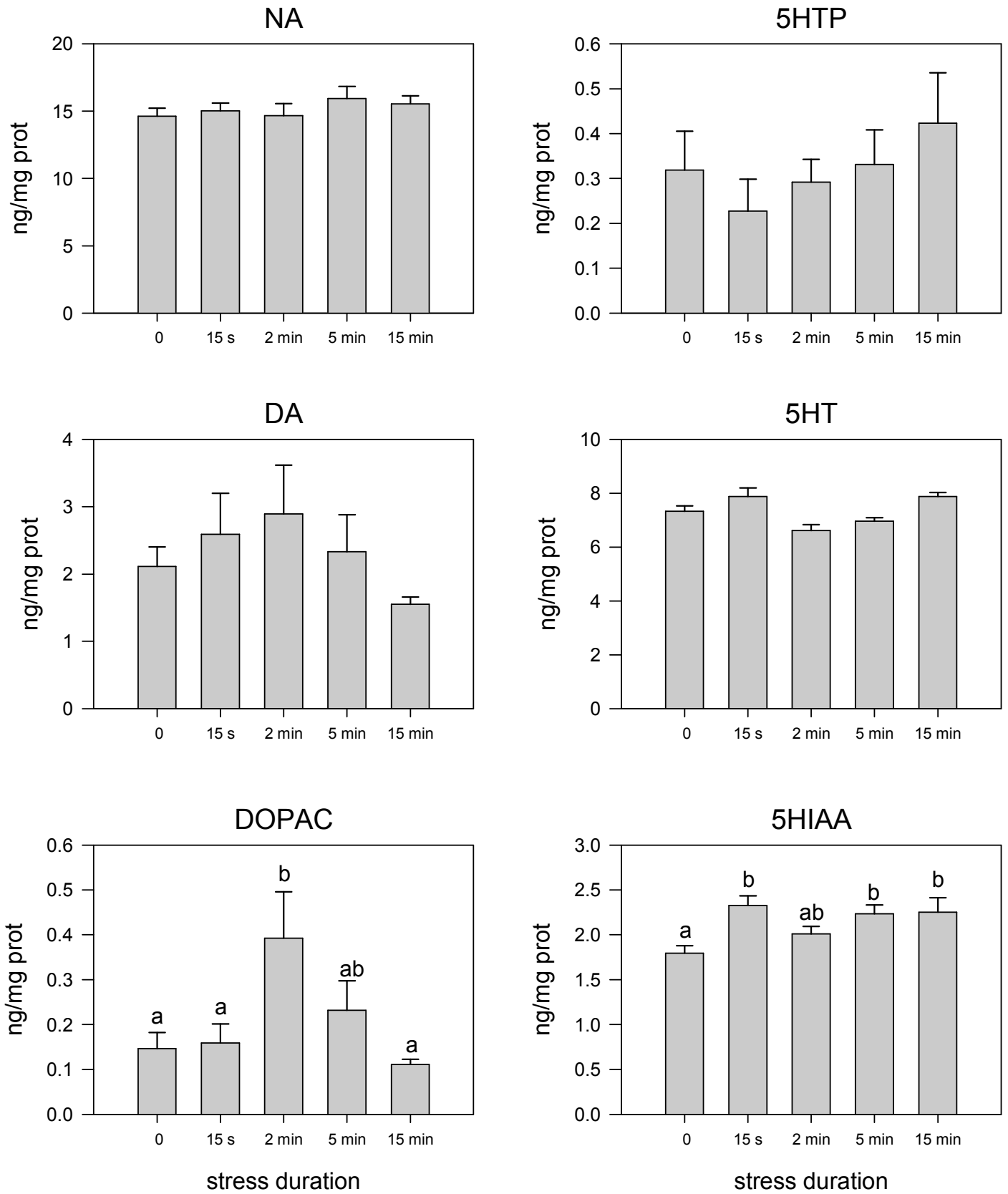


Fig. S3. Changes in the telencephalic levels of NA, DA, DOPAC, 5HTP, 5HT and 5HIAA in rainbow trout exposed to acute handling stress for 15 s, 2 min, 5 min or 15 min and killed immediately afterwards. Values are means \pm s.e.m. ($N=10$). Different letters indicate statistically significant differences among groups.

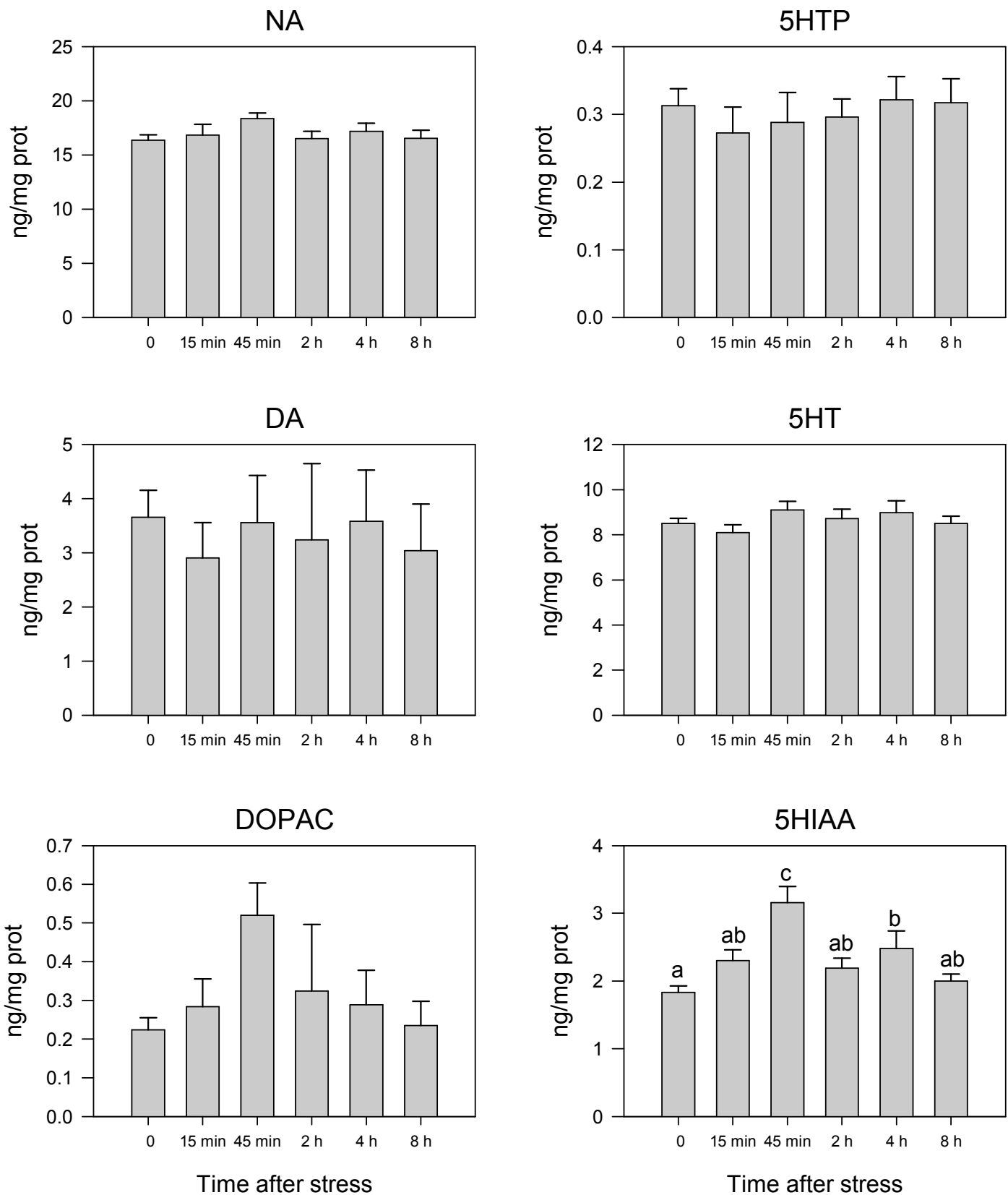


Fig. S4. Changes in the telencephalic levels of NA, DA, DOPAC, 5HTP, 5HT and 5HIAA in rainbow trout exposed to 5 min of handling stress and killed 15 min, 45 min, 2 h, 4 h or 8 h later. Values are means \pm s.e.m. ($N=10$). Different letters indicate statistically significant differences among groups.