



**Supplementary Fig. 11.** Cresyl violet (A), glial fibrillary acidic protein (B), ionized calcium-binding adapter molecule 1 (C), and Fluoro-Jade C (D) staining of No. 2 rat brain on the 1st day after 1200  $\mu$ g human dose of rapamycin. There are no evidence of brain damage in the right hemispheres after transient blood-brain barrier opening with mannitol, compared to the normal left hemispheres. Scale bar, 2 mm.