

Figure S1 XST+ASA+CLP inhibits inflammatory response in rat cortex with MCAO/R. (A) Effect of XST+ASA+CLP treatment on cortex TNF- α (A), IL-1 β (B), IL-6 (C), ICAM-1 (D), CD11a (E), MCP-1 (F), IL-10 (G) and IL-4 (H) in rats with MCAO/R. Values are represented as means \pm SD for 6 mice in each group. **, $P < 0.01$, compared with the MCAO/R group; ##, $P < 0.01$, compared with the sham group; &, $P < 0.05$; &&, $P < 0.01$, compared with the ASA+CLP group. XST, Xuesaitong injection (lyophilized); ASA, aspirin; CLP, clopidogrel; MCAO/R, middle cerebral artery occlusion/reperfusion; TNF- α , tumor necrosis factor-alpha; IL-1 β , interleukin-1 beta; IL-6, interleukin-6; ICAM-1, intercellular adhesion molecule-1; MCP-1, monocyte chemoattractant protein-1; IL-10, interleukin-10; IL-4, interleukin-4.

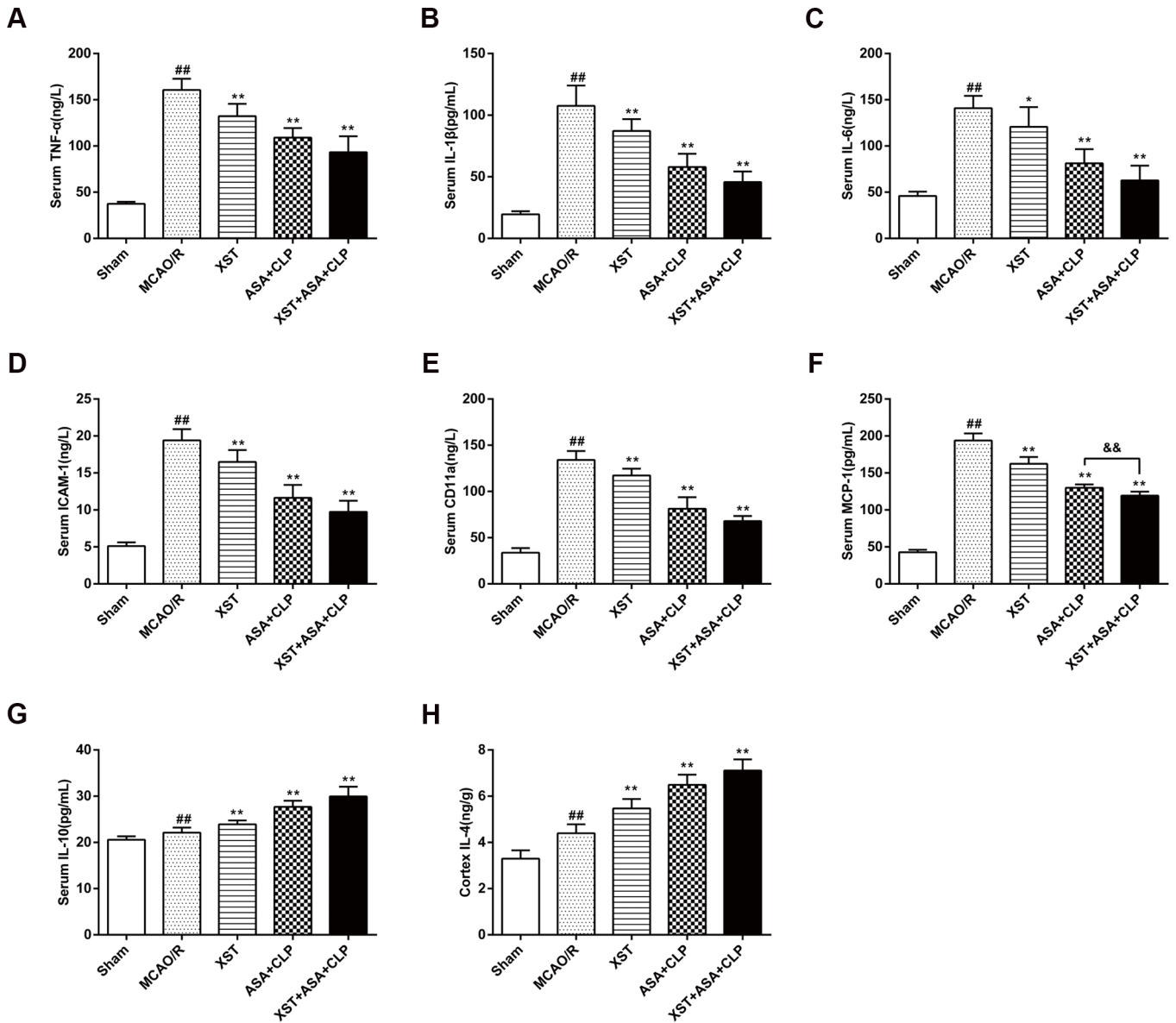


Figure S2 XST+ASA+CLP inhibits inflammatory response in rat serum with MCAO/R. (A) Effect of XST+ASA+CLP treatment on serum TNF- α (A), IL-1 β (B), IL-6 (C), ICAM-1 (D), CD11a (E), MCP-1 (F), IL-10 (G) and IL-4 (H) in rats with MCAO/R. Values are represented as means \pm SD for 6 mice in each group. *, P<0.05; **, P<0.01, compared with the MCAO/R group; ##, P<0.01, compared with the sham group; &x, P<0.01, compared with the ASA+CLP group. XST, Xuesaitong injection (lyophilized); ASA, aspirin; CLP, clopidogrel; MCAO/R, middle cerebral artery occlusion/reperfusion; TNF- α , tumor necrosis factor-alpha; IL-1 β , interleukin-1 beta; IL-6, interleukin-6; ICAM-1, intercellular adhesion molecule-1; MCP-1, monocyte chemoattractant protein-1; IL-10, interleukin-10; IL-4, interleukin-4.

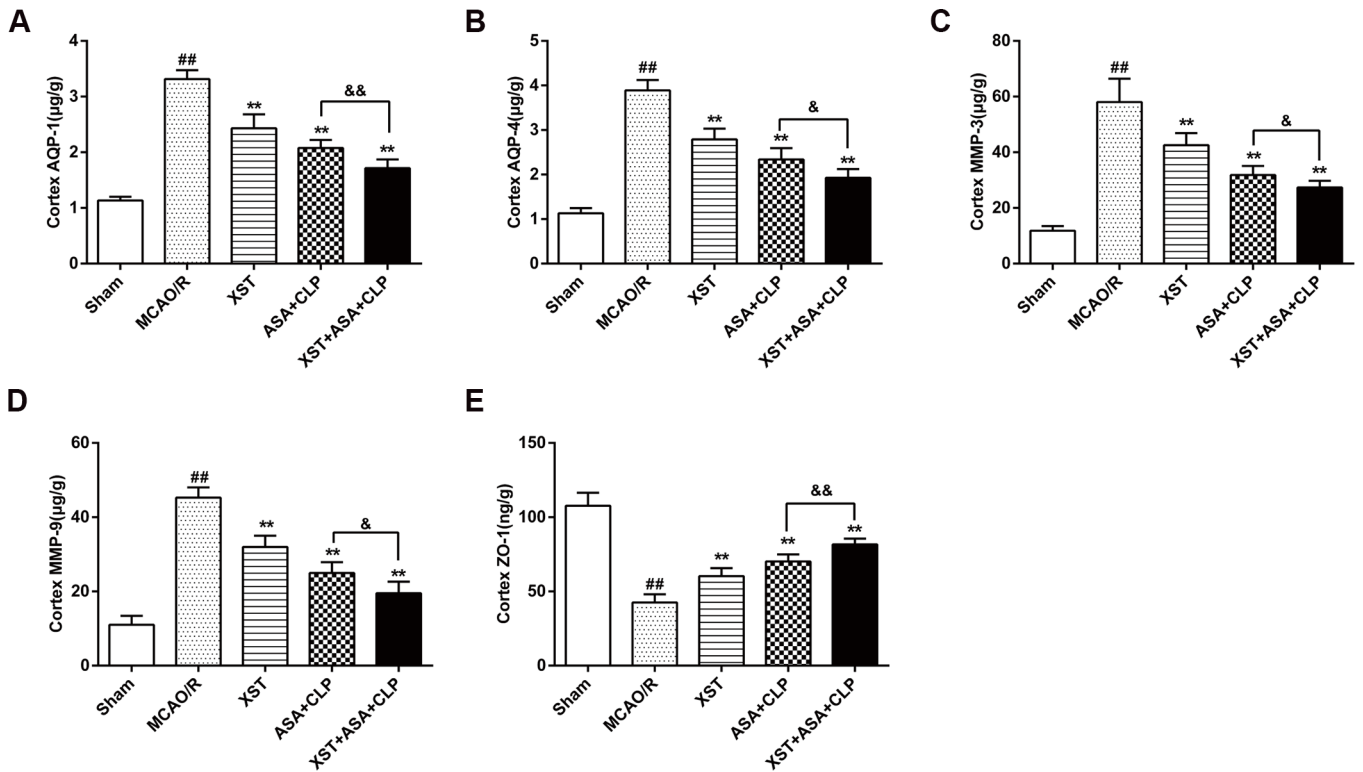


Figure S3 XST+ASA+CLP improves blood-brain barrier permeability in rat cortex with MCAO/R. (A) Effect of XST+ASA+CLP treatment on cortex AQP-1 (A), AQP-4 (B), MMP-3 (C), MMP-9 (D) and ZO-1 (E) in rats with MCAO/R. n=6 in sham group; n=8 in other groups. **, P<0.01, compared with the MCAO/R group; ##, P<0.01, compared with the sham group; &, P<0.05, &&, P<0.01, compared with the ASA+CLP group. XST, Xuesaitong injection (lyophilized); ASA, aspirin; CLP, clopidogrel; MCAO/R, middle cerebral artery occlusion/reperfusion; AQP-1, aquaporin-1; AQP-4, aquaporin-4; MMP-3, matrix metalloproteinase 3; MMP-9, matrix metalloproteinase 9; ZO-1, zona occludens 1.