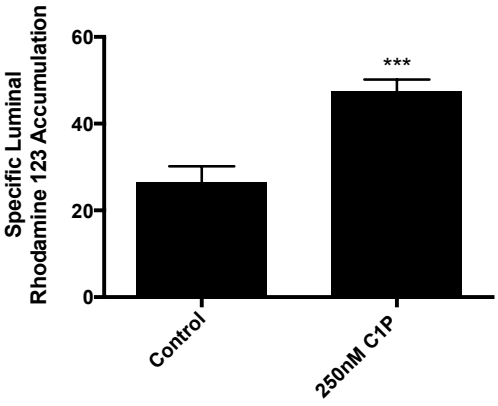
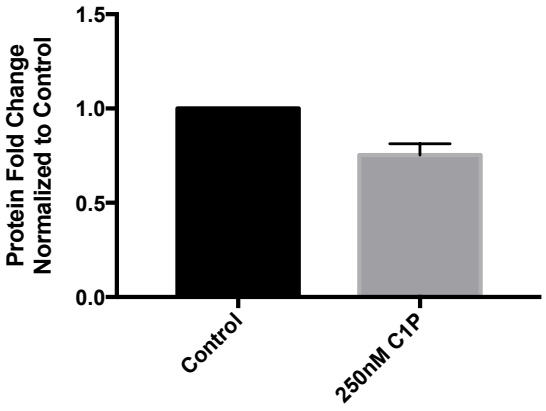
Ceramide 1-Phosphate Increases P-Glycoprotein Transport Activity at the Blood-Brain Barrier via Prostaglandin E2 Signaling

Emily V. Mesev, David S. Miller, and Ronald E. Cannon

Molecular Pharmacology



Supplemental Figure 1. PSC833-sensitive luminal fluorescence of Rhodamine 123, a p-glycoprotein substrate, in control and C1P-treated capillaries. Shown are mean ± SEM for 10-20 capillaries from single preparation (pooled brains from 3-5 rats). ***P<0.001, significantly higher than control.



Supplemental Figure 2. Quantification of pooled western blots showing protein expression of capillaries treated with C1P, as normalized to control.