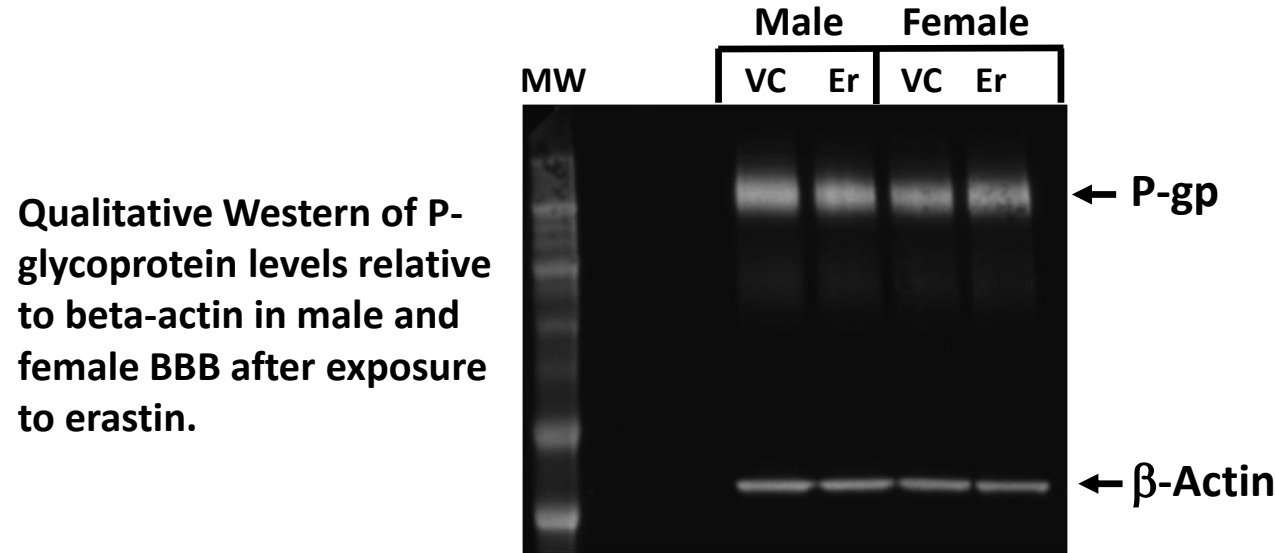
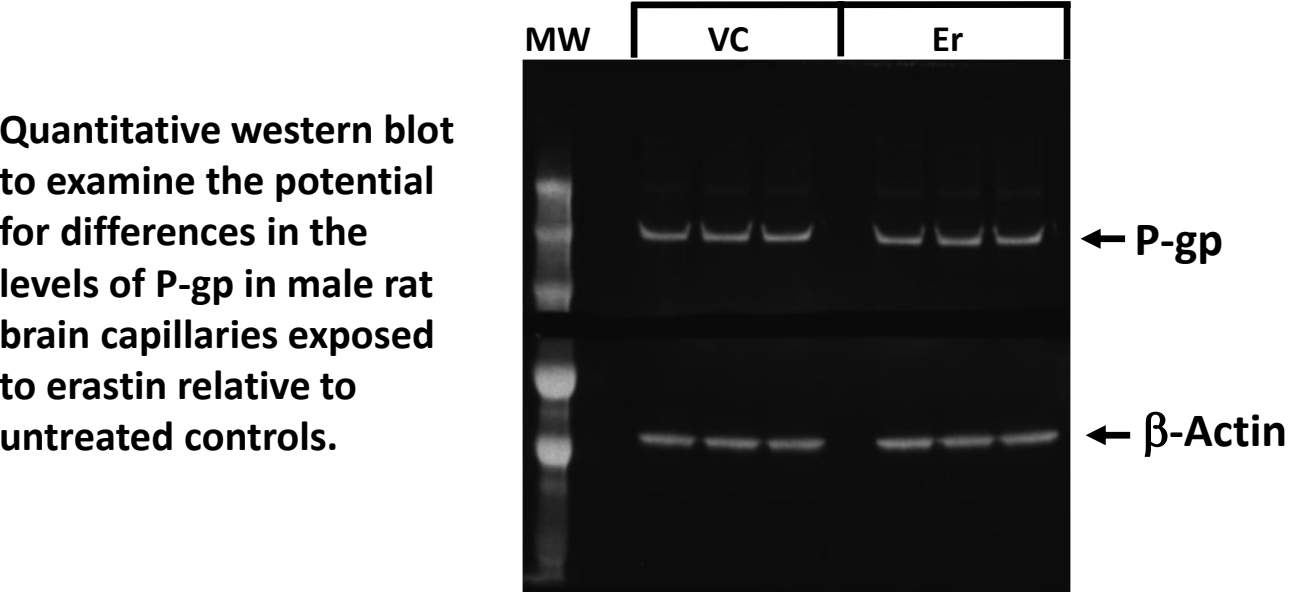


**Supplementary Figure 1A - Full Western Blots used in Figure 4 in main text**



**Supplementary Figure 1B - Full Western Blots used in Figure 4 in main text**

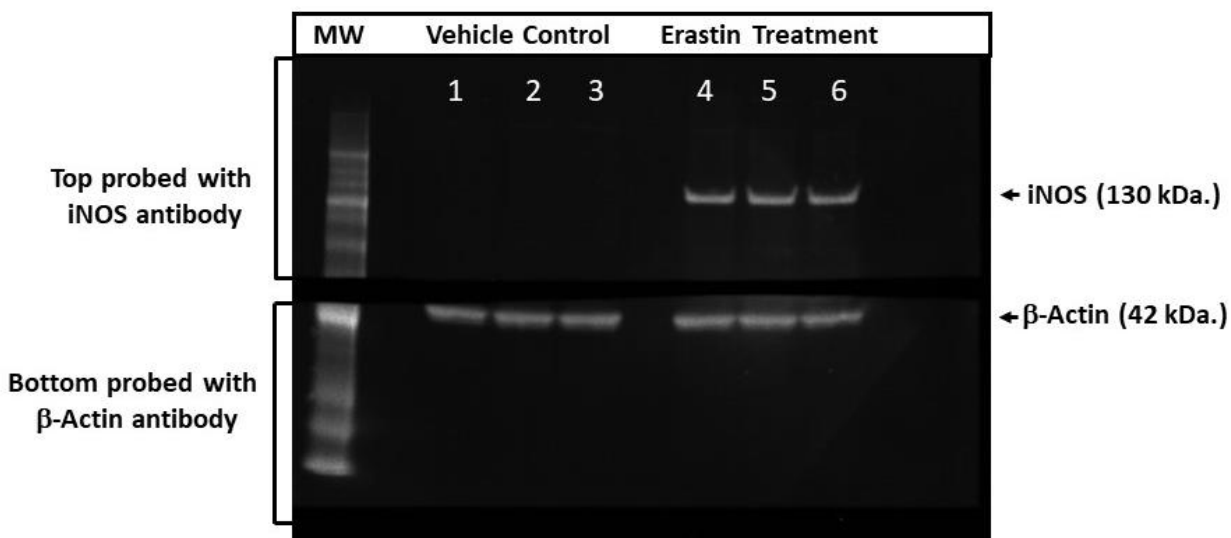


**Supplementary Figure S1C – Densitometry measurments of bands used in Figure 4C in main text**

VC			Er			
P-gp →	1657 x (1.03)	1662 x (1.03)	1786 x (1.0)	1673 x (1.0)	1659 x (1.1)	1683 x (1.13)
β-Actin→	2045	2050	2102	2147	1953	1902

Quantitation of western blot above: P-glycoprotein levels in male brain capillaries normalized ( ) to beta-actin levels after exposure to erastin.

## Supplementary Figure 2 C and D.



Western blot of iNOS (top) and  $\beta$ -Actin (bottom) protein levels measured in rat brain capillaries in triplicate. This blot was used for the **Figure 6 (C & D)** in the main text to quantitate levels of each respective protein.