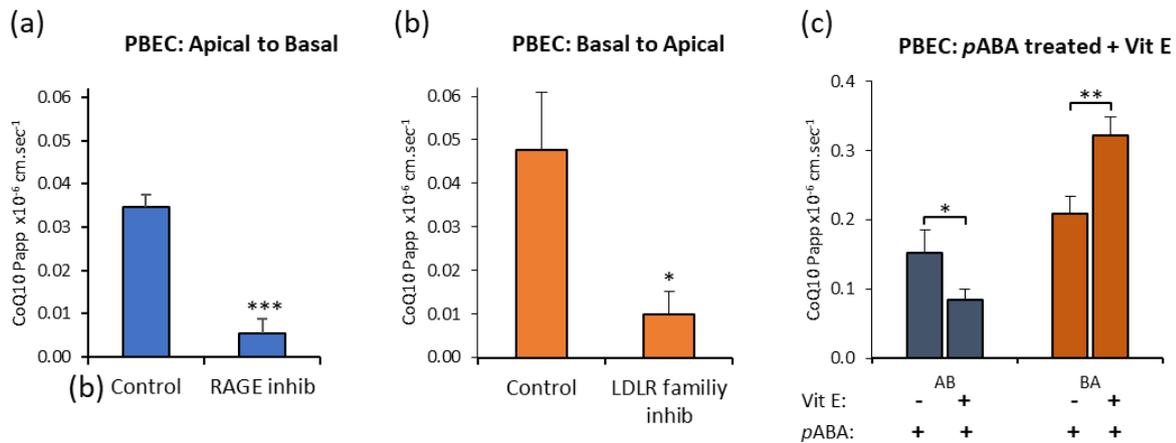


## Supplementary figure

Wainwright *et al* CoQ<sub>10</sub> Deficient Endothelial Cell Culture Model for the Investigation of CoQ<sub>10</sub> Blood-Brain Barrier Transport. J Clin Med.



**Figure S1.** Key results from the b.END3 study were validated using the primary porcine brain endothelial cell (PBEC) BBB model. Effect of transport inhibitors and Vitamin E on CoQ<sub>10</sub> transport **a)** from Apical to Basal using RAGE inhibitor FPS-ZM1 1 $\mu$ M **b)** from Basal to Apical using LDLR family inhibitor, RAP 0.5 $\mu$ M. **c)** Effect of Vitamin E and pABA treatment on CoQ<sub>10</sub> Apical to Basal and Basal to Apical transport. n=4, Values are mean  $\pm$  SEM \*\*\*P<0.001; \*\*p<0.01; \*p<0.05