

Figure S1. Effects of eburicoic acid on the expression of apoptosis- and ferroptosis-related proteins in HUVECs. HUVECs were pre-treated with 100 $\mu\text{g/ml}$ ox-LDL for 24 h and incubated with 10 $\mu\text{g/ml}$ eburicoic acid for 24 h. (A) Western blotting of caspase-3, caspase-8, Bax and Bcl-2 protein levels. (B) Western blotting of GPX4, SLC7A11, FPN and ACSL4 protein levels. Data are represented as mean $\pm$ SD. ns, statistically insignificant, $n=3$. HUVECs, human umbilical vascular endothelial cells; ox-LDL, oxidized low-density lipoprotein; GPX4, glutathione peroxidase 4 EA, eburicoic acid.

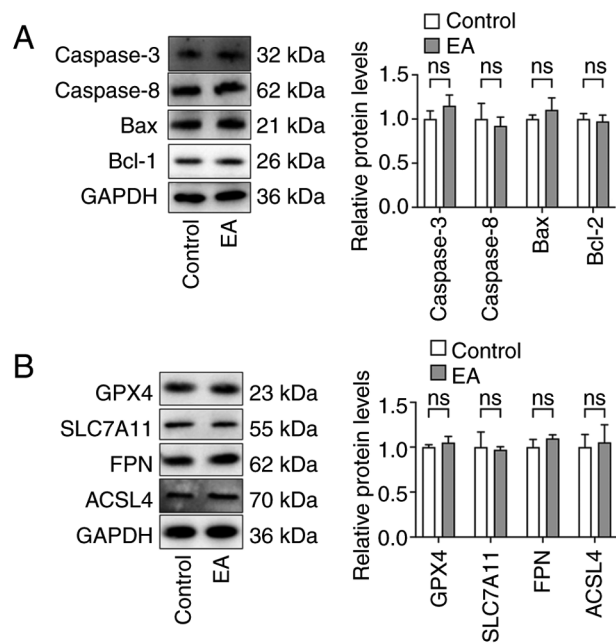


Figure S2. Effects of eburicoic acid on the protein level of TLR4. HUVECs were pre-treated with 100 μ g/ml ox-LDL for 24 h and incubated with 10 μ g/ml eburicoic acid for 24 h. western blotting was used to detect the protein levels of TLR4. Data are represented as mean $\pm$ SD. ns, statistically insignificant, n=3. **P<0.01. TLR4, Toll-like receptor 4; HUVECs, human umbilical vascular endothelial cells; ox-LDL, oxidized low-density lipoprotein; EA, eburicoic acid.

