



Supplemental figure 1. The UTP-mediated HCA vasoconstrictions are independent on ROK signaling. HCA segments perfused ex-vivo with 10mM Y27632 during 30-min previous to the application with 1μM UTP for another 4-min (n=3 each) did not blocked the association of the receptor to membrane rafts (A). A representative tracing of a vascular reactivity assay of a HCA ring shows that the contractile response of 1μM UTP was unchanged by 10 mM Y27632 (B and C). As a control, Y27632 did not modify the KCl-induced vasoconstrictions (C). However, the vasomotor responses evoked by 300nM 5-HT, likely acting through the 5-HT_{2A} receptor, were halved by Y27632 (B and C).