Fig S5. GSK-3 regulates apical lumen formation.

(A-E) GSK-3 activity is required for the formation of a single apical lumen. Panel (E) shows the quantification of the number of multi-luminal cysts. Data shown are the means and standard deviations from three independent experiments (p values as indicated). n is the total number of cysts counted. (F-K) GSK-3 activity is required for apical protein transport to the AMIS. MDCK cells expressing GFP-Crb3a were seeded in Matrigel and grown for 24 h (F,G,I,J) or 48 h (H,K). Where indicated, cells were also treated with GSK-3 Inh. (K-M). Scale bars: 10 μm.