

Supplemental Materials

Molecular Biology of the Cell

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Supplemental Figure 1. Colocalization of GPP130 punctae with Rab7-GFP. Cells were transiently transfected to express Rab7-GFP and after 48 h they were subjected to a 2h Mn exposure followed by staining with anti-GPP130 antibodies (red) and visualization of GFP fluorescence (green). Arrowheads indicate colocalization in punctae. Bar=5 μ m.

Supplemental Figure 2. GPP130-FM redistributes to lysosomes independent of sortilin. (A) Control and sortilin knockdown cells were transfected with GPP130-FM-GFP and, after 24 h, were subjected to AP washout for 0, 1 or 2 h before staining with anti-giantin antibodies (red) and visualization of GFP fluorescence (green). Merged and thresholded (GFP only) images are also shown. Bar=5 μ m. (B) Quantification shows the number of GPP130-FM-GFP punctae at each time point (mean \pm SEM, n=3, >10 cells per experiment, n.s.=p>0.8).

GPP130

Rab7-GFP

Merge

Mn (2h)



