



**Figure S4. NAB-1 is not required for axonal accumulation of lysosomes in *unc-16* mutants, but it has a minor role in regulating the dendritic accumulation of lysosomes in *unc-16* mutants, where it acts in the same pathway as SAD-1 and SYD-2.**

**(A)** Drawing illustrates the location and anatomy of the cholinergic motor neurons imaged in this figure. Dashed boxes outline the regions imaged.

**(B and C)** Representative, identically-scaled images and quantification of CTNS-1-RFP lysosomal puncta and total fluorescence per micron in the dorsal axons (**B**) and ventral dendrites (**C**) of the indicated genotypes. CTNS-1-RFP is expressed from the integrated transgene *cel/s56*. Data are means and SEMs from 13-14 animals per region. Asterisks over bars indicate values significantly different from *unc-16*. Asterisks over brackets denote P values for the selected comparisons: \*,  $P < .05$ ; \*\*,  $P < .01$ ; \*\*\*,  $P < .0001$ ; n.s., not significant.