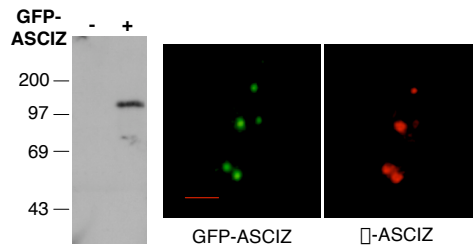


A



B

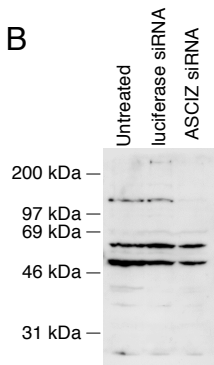


Figure S3. Characterization of the ASCIZ antibody. (A) Western blot of U2OS cell lysates with or without transient GFP-ASCIZ transfection probed with the the ASCIZ antibody (left panel). Immunofluorescence microscopy of MMS-treated GFP-ASCIZ transfected cell using the anti-ASCIZ antibody compared to GFP fluorescence (right panels). Scale bar = 10 μ m. (B) Western blot analysis of siRNA-treated U2OS cell lyastes using the anti-ASCIZ antibody. Note that the ASCIZ antibody crossreacts with two abundant unrelated proteins (at \sim 50/60 kDa), limiting its use in immunofluorescence microscopy to overexpressed protein. Also note that endogenous ASCIZ (predicted Mr=72,200) has an aberrant mobility on Western blots (apparent mass \sim 115 kDa), which is also observed for overexpressed GFP-ASCIZ (predicted \sim 110 kDa, observed \sim 140 kDa).