

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Whole microtubule cytoskeleton translocation in dendrites of control and APC2-depleted neurons (related to Fig. 4c). Translocation of photoactivated tubulin region was imaged in dendrites of neurons co-expressing RFP-tubulin with either control or APC2 shRNA. Surface plots correspond to PA-GFP-tubulin channel.

File Name: Supplementary Movie 2

Description: RFP-APC2 C-terminus driven recruitment of microtubules to the cell membrane upon addition of rapalog (related to Fig. 6e). Cos7 cells expressing FKBP-linked membrane-bound domain together with FRB-linked APC2 C-termini truncations were imaged for 40 min after addition of rapalog. Membrane displacement corresponds to microtubule recruitment.