Figure S7. Fluorescent recovery of YFP-RabA2a at the cell plate after photobleaching.

(A) FRAP analysis of YFP-RabA2a at the cell plate in *pas2-1* and wild-type epidermal cells. (B) Recovery of YFP-RabA2a after photobleaching. Kinetic are the mean ±SD of at least 8 independent experiments. FRAP analysis of YFP-RabA2a at the cell plate was carried out on 5 to 7 day old root tips of pRabA2a:YFP-RabA2a wild type and *pas2-1* seedlings. FRAP experiment was performed on Zeiss LSM710 with 63X objective. Pre-bleach scan was done with a 0.9% laser 514nm excitation with a pinhole of 82.2 and a 512x512 (8bit) acquisition mode with a pixel dwell of 1.52µs, 2 line average, and a 1.2 zoom. Bleaching was carried out after 3 prebleach scans with a single scan at 80% laser 514nm and a pixel dwell of 100.85µs. Post-bleach scans were acquired in a time serie mode with 15 sec between scans. Region of bleach was then measured by Image J. Only experiments with minimum bleaching of 65% and a recovery of 50% after 3 min were considered.

(C) LeAGP1-GFP subcellular distribution in root epidermal cells treated (+, bottom) or not (-, top) with 100nM flufenacet. Osmotic treatment with 0.4mM mannitol was used to visualize apoplastic localization of LeAGP1-GFP. Cell walls were counter stained with Propidium iodine. Scale bar, 10µm.