Microvilli are a hallmark of the apical domain of polarized epithelia. The highly related PDZ scaffolding proteins EBP50 and E3KARP both localize to microvilli yet show different dynamics and localizations within them. These differences are entirely attributable to the tail domains of the proteins. The localization of the E3KARP tail (green) to the base of microvilli (red) is shown here in a highly magnified surface rendering of the apical domain of JEG-3 cells (a choriocarcinoma-derived line of cells known for their long microvilli). See the article by Garbett et al. on p. 3381 of the November 1, 2013, issue of MBoC. (Image: Damien Garbett, Weill Institute for Cell and Molecular Biology, Cornell University)