Supplementary Figure S1. PLEKHA7 expression colocalization with TJ marker, Occludin.

(A) Colocalization of PLEKHA7 (red) with Occludin (green) along the lateral membranes of anterior border of the posterior iris epithelium (arrowhead). (Bar, 40μm). (B) High magnification showed colocalization of PLEKHA7 (red) with Occludin (green) at intercellular clefts within ciliary body vessels (CBV) and partial colocalization was also detected as focal staining at the apical lumen-facing surface of the iris vessel endothelium (IV). (Bar, 10μm). (C) Occludin (green) localization is confined to the NPCE-PCE cell-cell contact apical membrane at the ciliary processes while PLEKHA7 (red) is found at NPCE but not PCE. Partial colocalization is observed between Occludin and PLEKHA7. (Bar, 10μm).