Supplementary figure 1. Confocal immunostaining images of adipogenic HOF organoids by anti-rabbit or anti-mouse secondary antibody, phalloidin (red) and DAPI (blue).

To make sure specificities of our confocal immunostaining of the current study, adipogenic 3D HOF organoid at Day 12 was immunostained as shown in Materials and Method except 1st antibody was omitted. Only a trace labeling was observed at 488 channel (green), in which target molecule stained by their specific antibodies used in Figs 2 and 3.