

**Supplementary Figure**: APS activates AMPK and promotes 3T3-L1 proliferation. (A) AMPK activity at different time points (0, 6, 12, 18, 24 h). (B) EdU staining after cells were treated with AICAR, Compound C, APS, and APS + Compound C. Scar bar stands for 100  $\mu$ m.