

Inhibitory Effect of Isopanduratin A on Adipogenesis: A study of Possible Mechanisms

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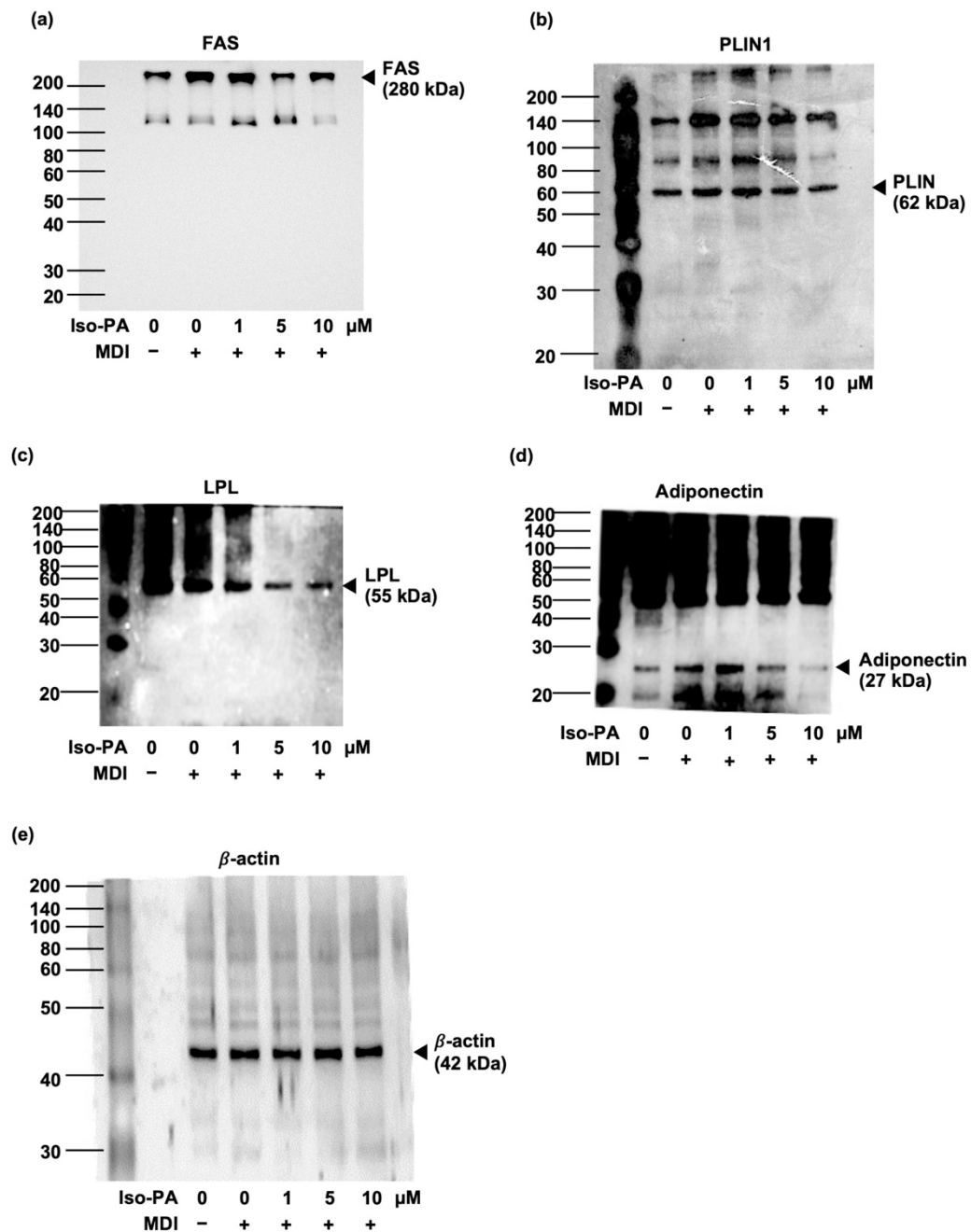


Figure S1. Original western blot images for Figure 3a: Suppression of adipogenic effectors in differentiated 3T3-L1 cells treated with isopanduratin A. Uncropped western blot images show molecular weight markers of (a) FAS, (b) PLIN1, (c) LPL, (d) adiponectin and (e) β -actin as a loading control. The test was present (+) and absent (-) differentiation medium (MDI) containing 0, 1, 5, 10 μ M of isopanduratin A (Iso-PA). For experimental details and statistical analysis, see the Experimental and Results sections.

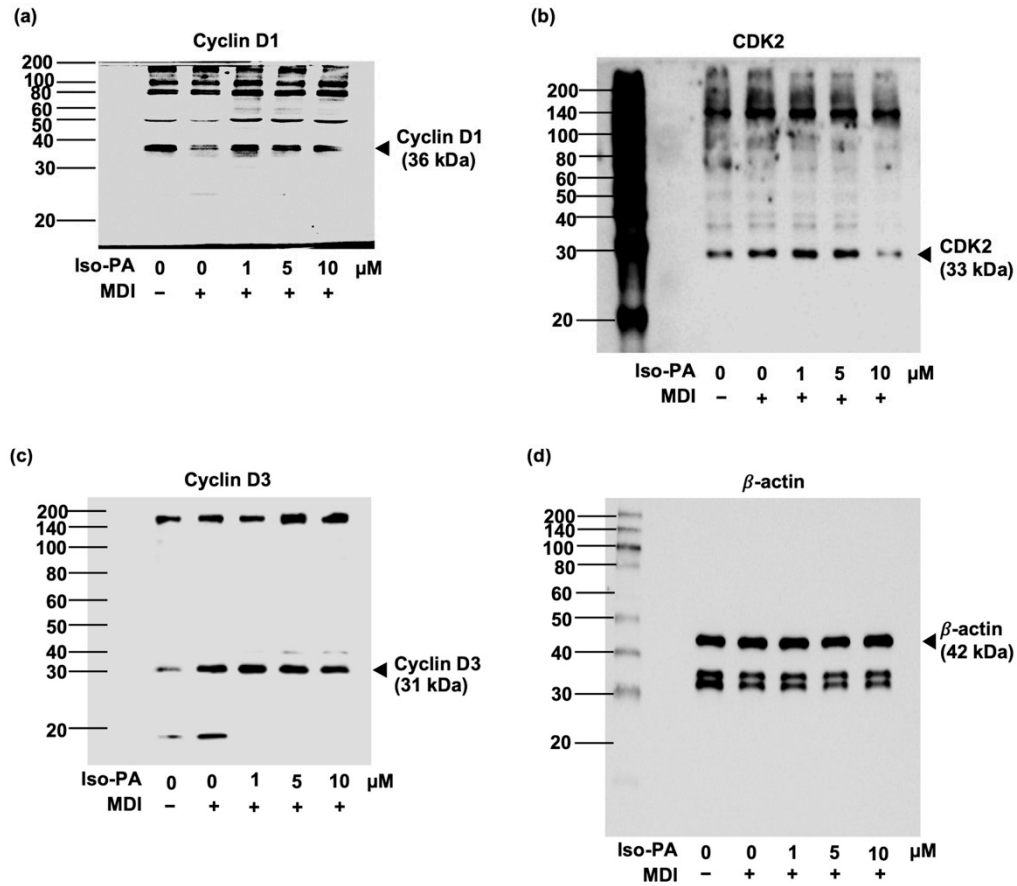


Figure S2. Original western blot images for Figure 4a: Suppression of MCE in differentiated 3T3-L1 cells treated with isopanduratin A. Uncropped western blot images show molecular weight markers of (a) Cyclin D1, (b) CDK2, (c) Cyclin D3 and (d) β -actin as a loading control. The test was present (+) and absent (-) differentiation medium (MDI) containing 0, 1, 5, 10 μ M of isopanduratin A (Iso-PA). For experimental details and statistical analysis, see the Experimental and Results sections.

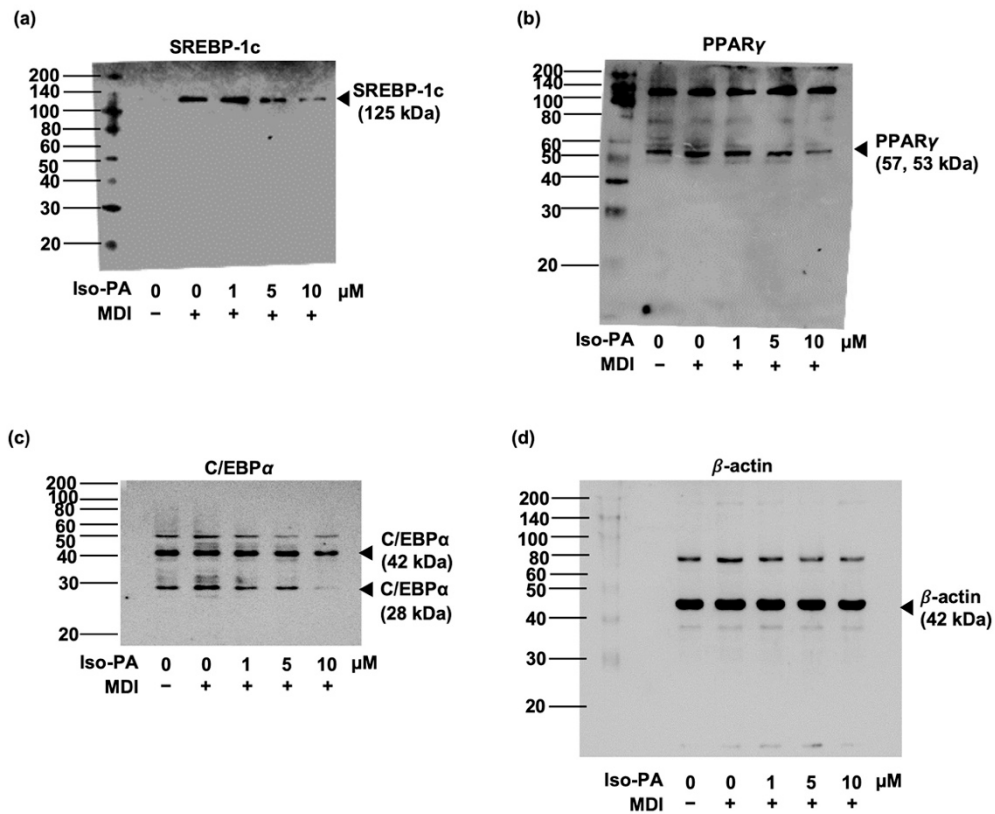


Figure S3. Original western blot images for Figure 5a: Suppression of adipogenic transcription factors in differentiated 3T3-L1 cells treated with isopanduratin A. Uncropped western blot images show molecular weight markers of (a) SREBP-1c, (b) PPAR γ , (c) C/EBP α and (d) β -actin as a loading control. The test was present (+) and absent (-) differentiation medium (MDI) containing 0, 1, 5, 10 μ M of isopanduratin A (Iso-PA). For experimental details and statistical analysis, see the Experimental and Results sections.

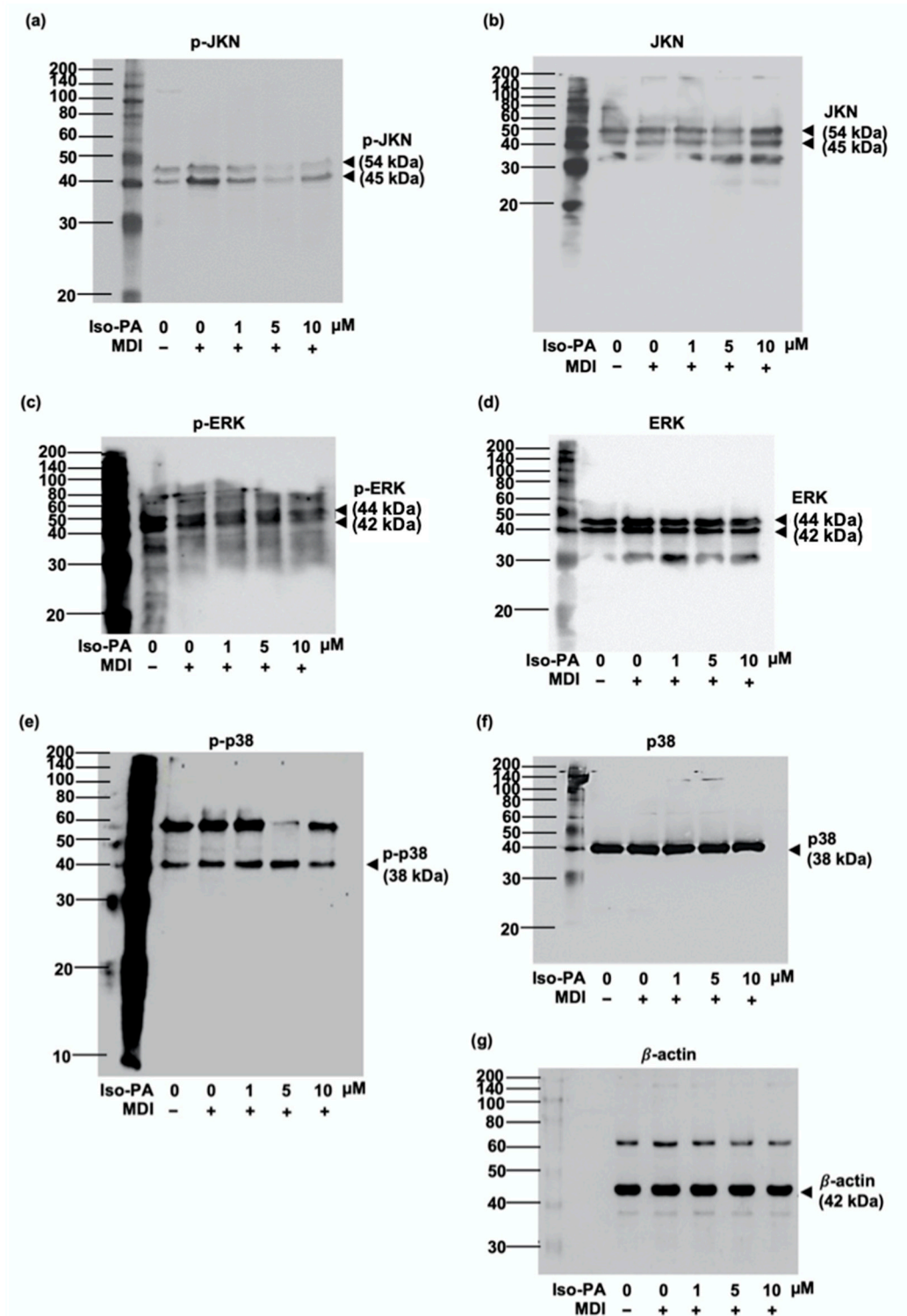


Figure S4. Original western blot images for Figure 6a: Modulation of MAPK signal in differentiated 3T3-L1 cells treated with isopanduratin A. Uncropped western blot images show molecular weight markers of (a) p-JKN, (b) JKN, (c) p-ERK (d) ERK (e) p-p38, (f) p38 and (g) β -actin as a loading control. The test was present (+) and absent (-) differentiation medium (MDI) containing 0, 1, 5, 10 μ M of isopanduratin A (Iso-PA). For experimental details and statistical analysis, see the Experimental and Results sections.

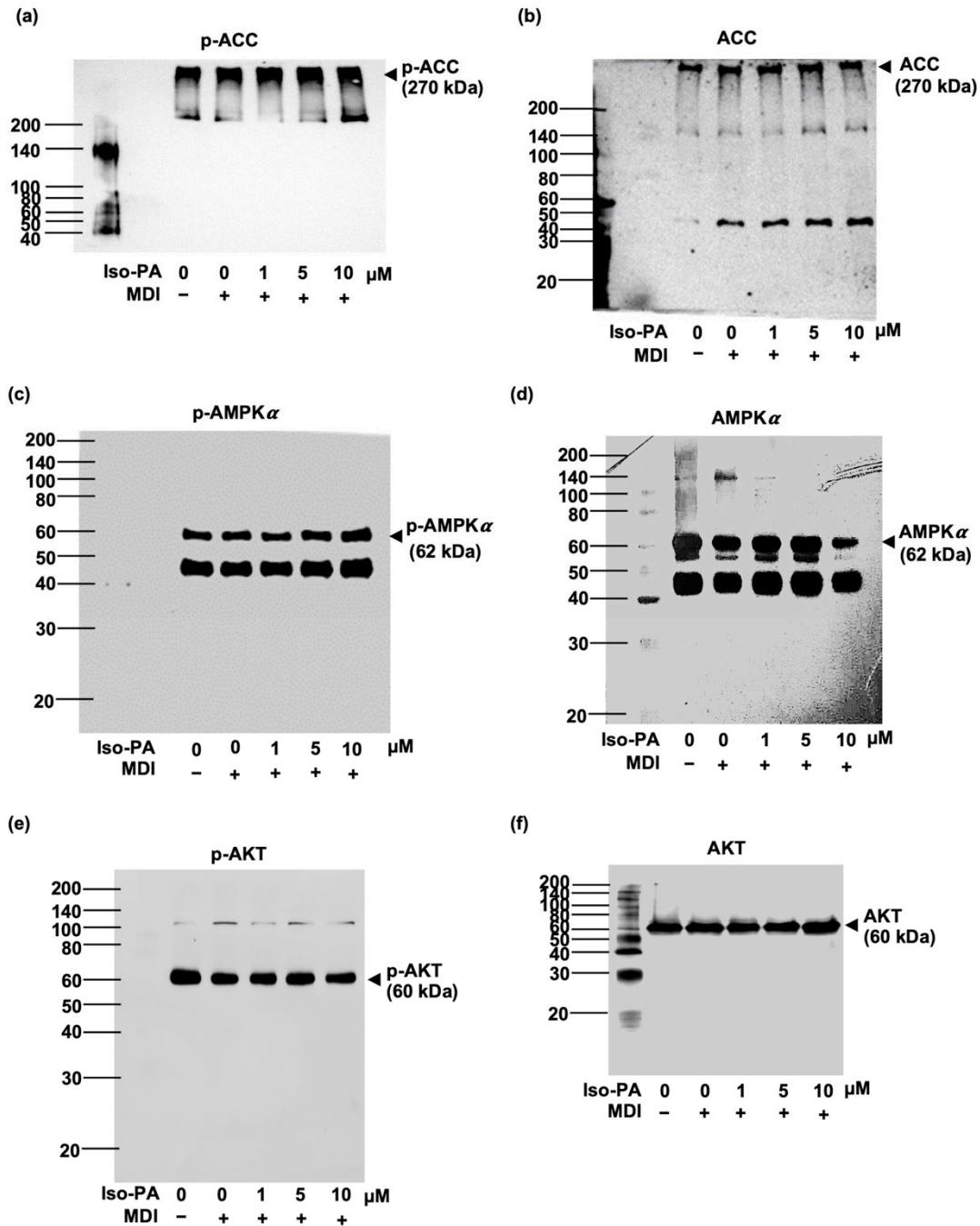


Figure S5 Original western blot images for Figure 7a: Modulation of ATK/AMPK-ACC signal in differentiated 3T3-L1 cells treated with isopanduratin A. Uncropped western blot images show molecular weight markers of (a) p-ACC, (b) ACC, (c) p-AMPK α , (d) AMPK α , (e) p-AKT and (f) AKT. The test was present (+) and absent (-) differentiation medium (MDI) containing 0, 1, 5, 10 μ M of isopanduratin A (Iso-PA). For experimental details and statistical analysis, see the Experimental and Results sections.

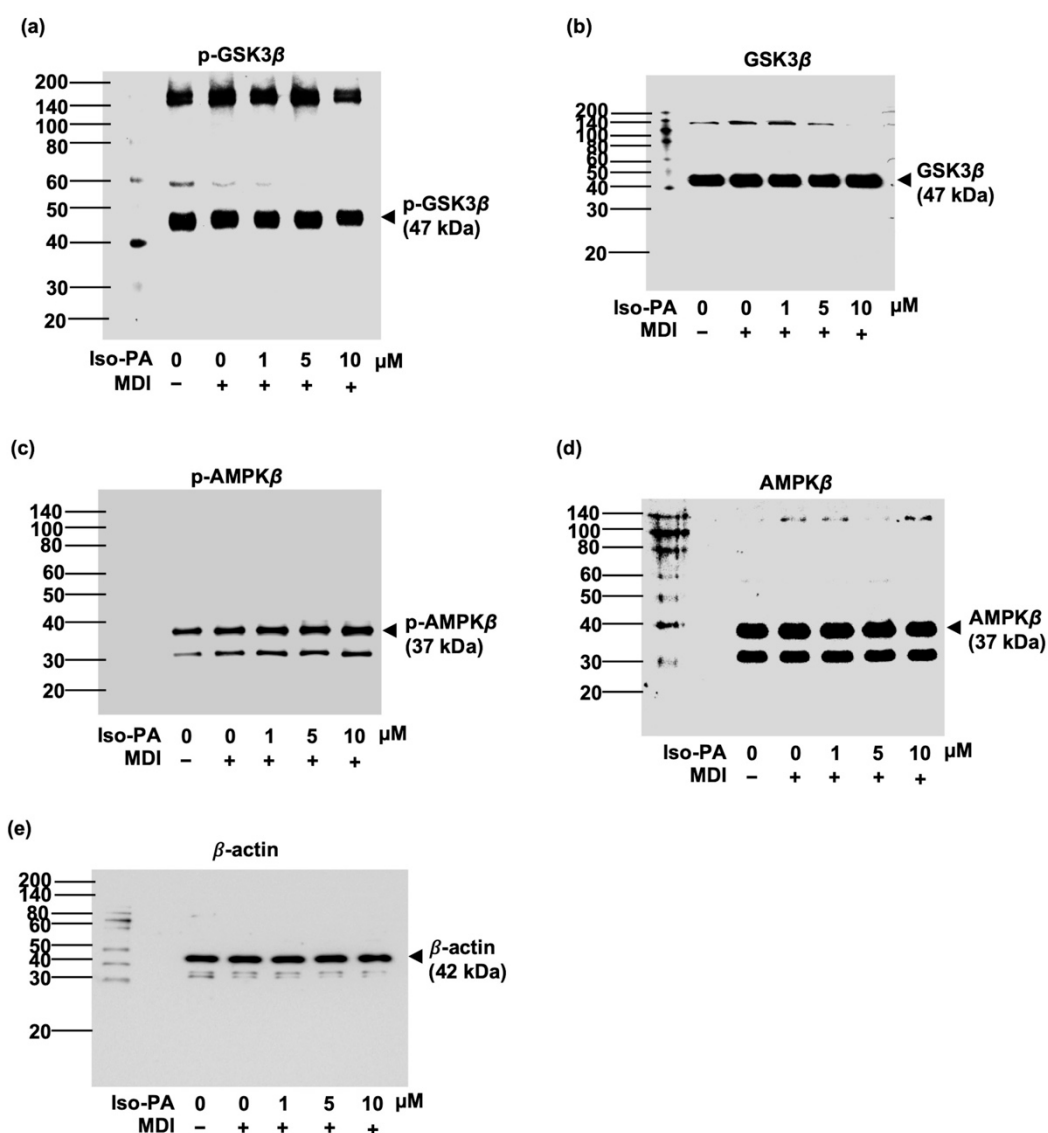


Figure S6 Original western blot images for Figure 7a (continued): Modulation of ATK/AMPK-ACC signal in differentiated 3T3-L1 cells treated with isopanduratin A. Uncropped western blot images show molecular weight markers of (a) p-GSK3 β , (b) GSK3 β , (c) p-AMPK β , (d) AMPK β and (e) β -actin as a loading control. The test was present (+) and absent (-) differentiation medium (MDI) containing 0, 1, 5, 10 μ M of isopanduratin A (Iso-PA). For experimental details and statistical analysis, see the Experimental and Results sections.