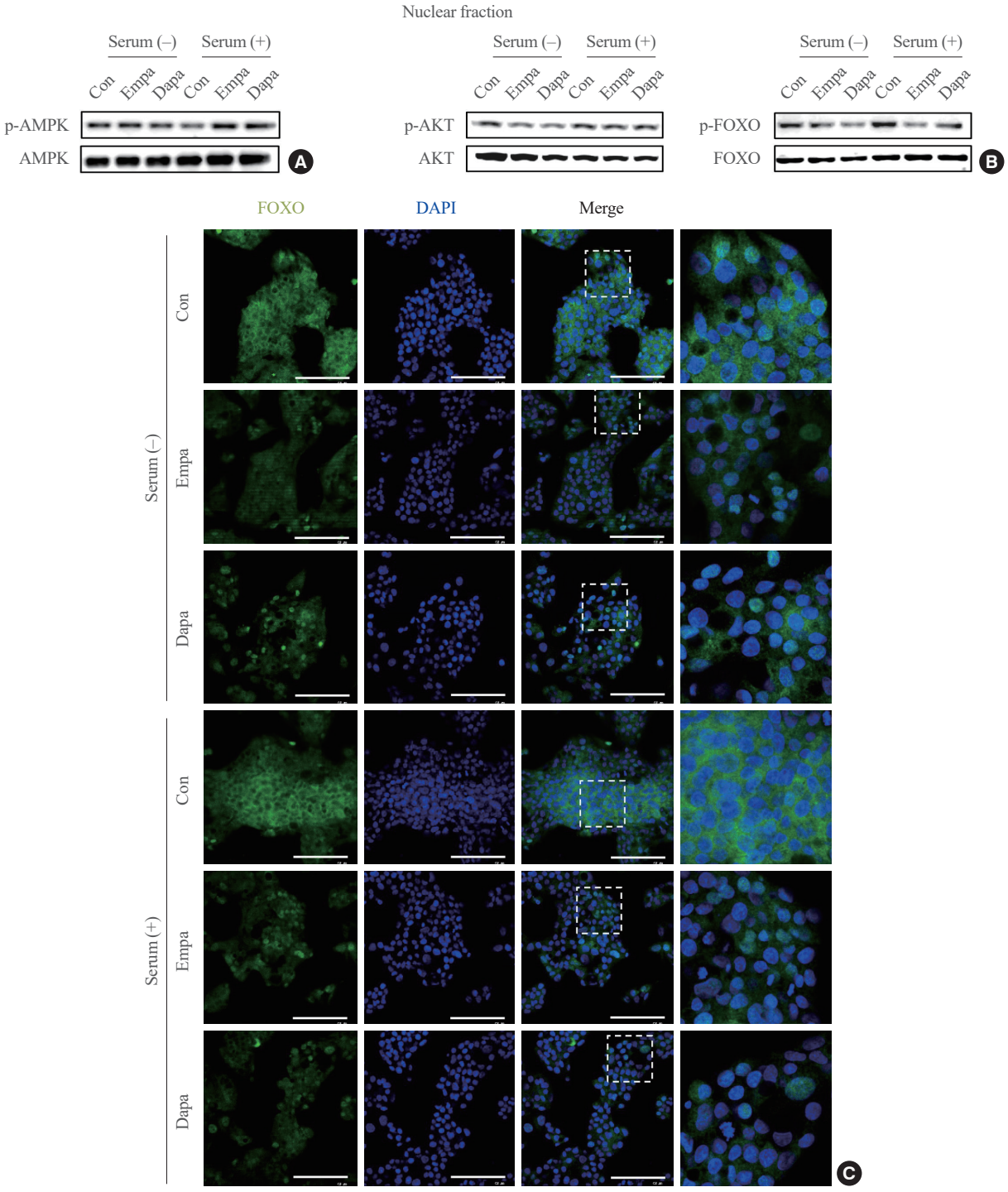

Supplemental Fig. S3. Sodium-dependent glucose cotransporter 2 (SGLT2) inhibitor treatment during serum deprivation increases the expression of phosphorylated-adenosine monophosphate-activated protein kinase (p-AMPK) and decreases the expression of nuclear p-AKT and phosphorylated-forkhead box class O 1 (p-FOXO1) proteins in HepG2 cells. HepG2 cells pre-treated with 10 nM empagliflozin (Empa) and dapagliflozin (Dapa) are cultured in serum-free Dulbecco's modified Eagle's medium (25 mmol/L glucose) for 16 hours and then cultured in media supplemented with (serum supplementation) or without (serum deprivation) 10% fetal bovine serum for 8 hours. (A, B) Expression levels of p-AMPK, p-AKT, and p-FOXO1 are analyzed using Western blotting. (C) Subcellular localization of FOXO1 is determined by performing immunofluorescence staining, and the cells were photographed using a fluorescence microscope (magnification, ×400); scale bars=100 μm. Con, control; DAPI, 4′,6-diamidino-2-phenylindole.