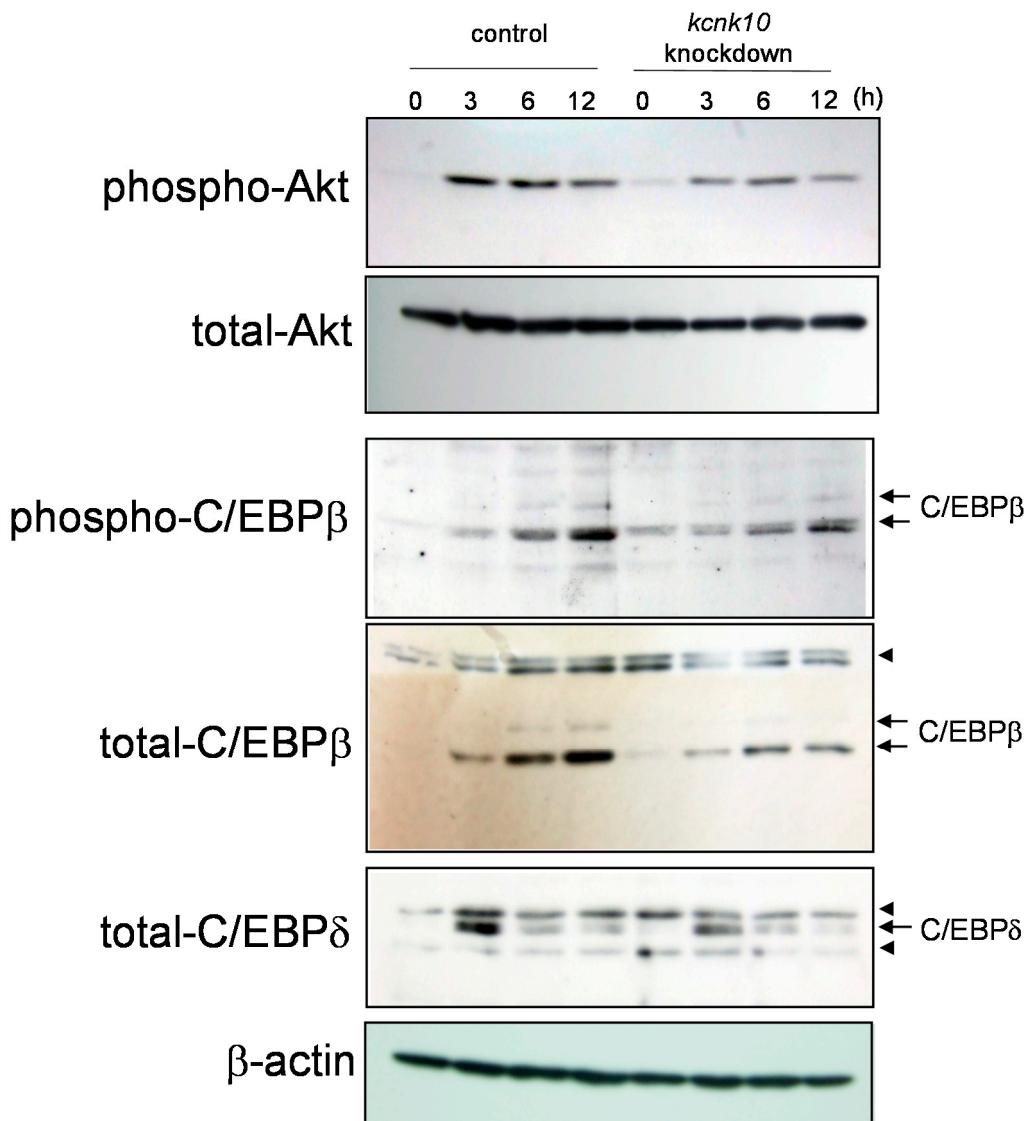
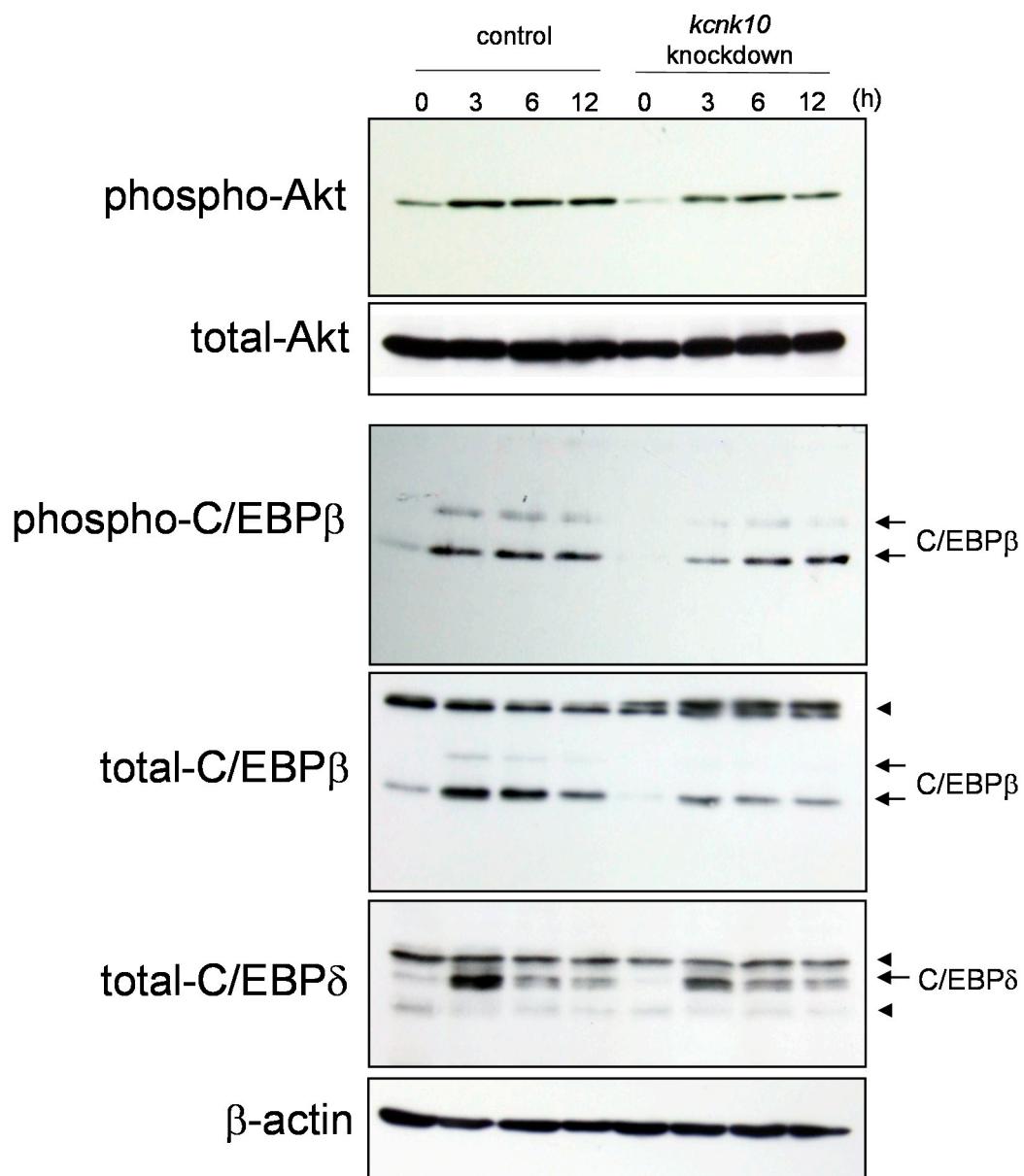


## Supplementary Information

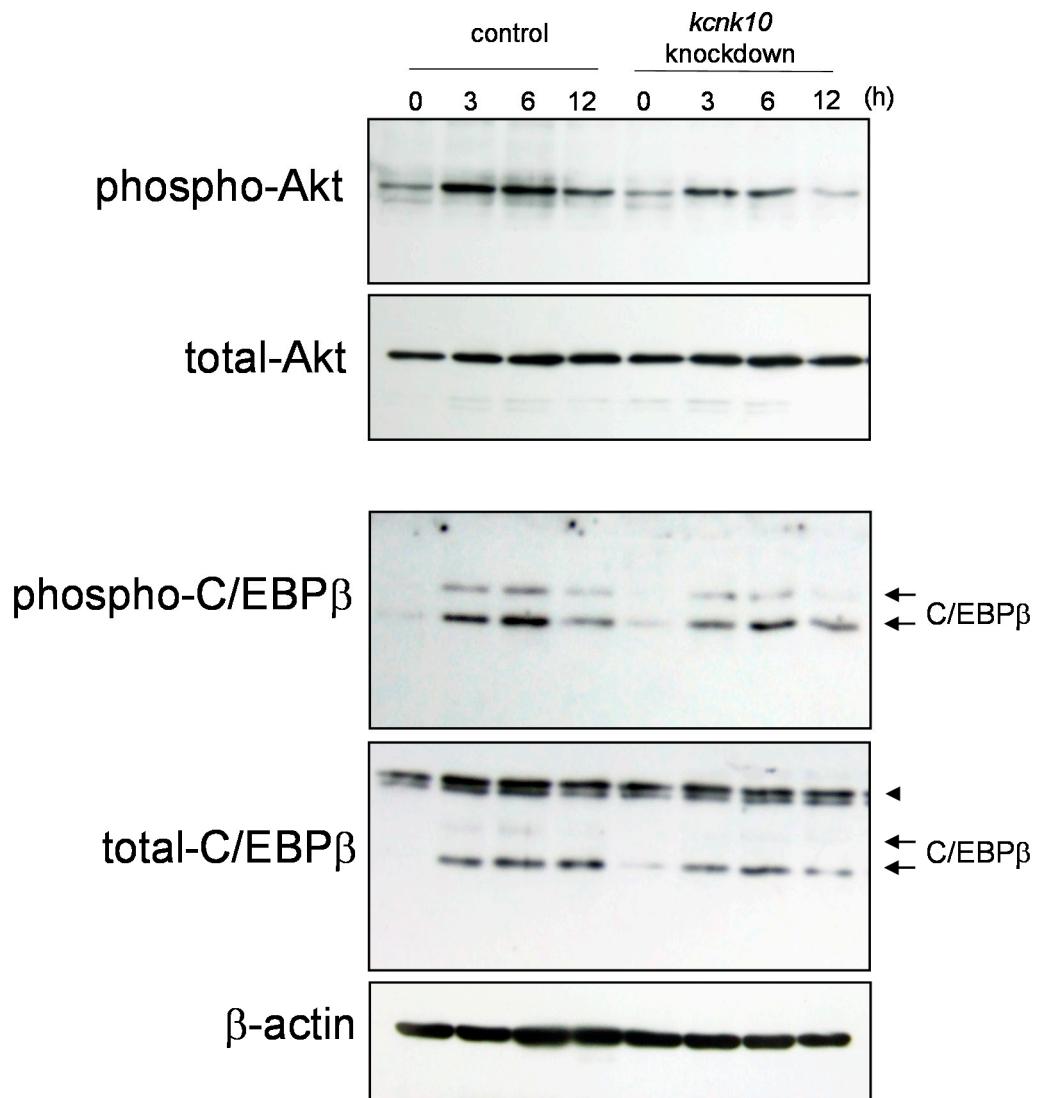
**Figure S1.** Effect of *kcnk10* knockdown on the phosphorylation and protein levels of Akt and C/EBP $\beta$  and the protein level of C/EBP $\delta$  when used lot 1 samples. Arrowheads indicate nonspecific bands.



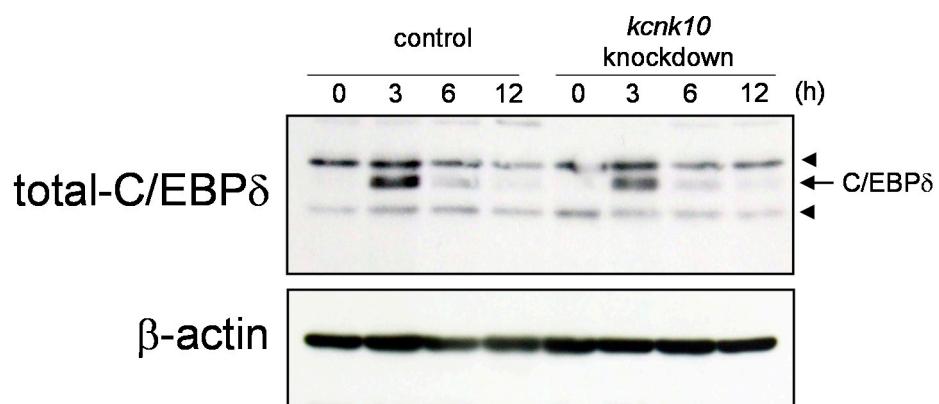
**Figure S2.** Effect of *kcnk10* knockdown on the phosphorylation and protein levels of Akt and C/EBP $\beta$  and the protein level of C/EBP $\delta$  when used lot 2 samples. Arrowheads indicate nonspecific bands.



**Figure S3.** Effect of *kcnk10* knockdown on the phosphorylation and protein levels of Akt and C/EBP $\beta$  and the protein level of C/EBP $\delta$  when used lot 3 samples. Arrowheads indicate nonspecific bands.



**Figure S4.** Effect of *kcnk10* knockdown on the protein level of C/EBP $\delta$  when used lot 4 samples. Arrowheads indicate nonspecific bands.



**Figure S5.** Effect of *kcnk10* knockdown on insulin-induced Akt phosphorylation.

