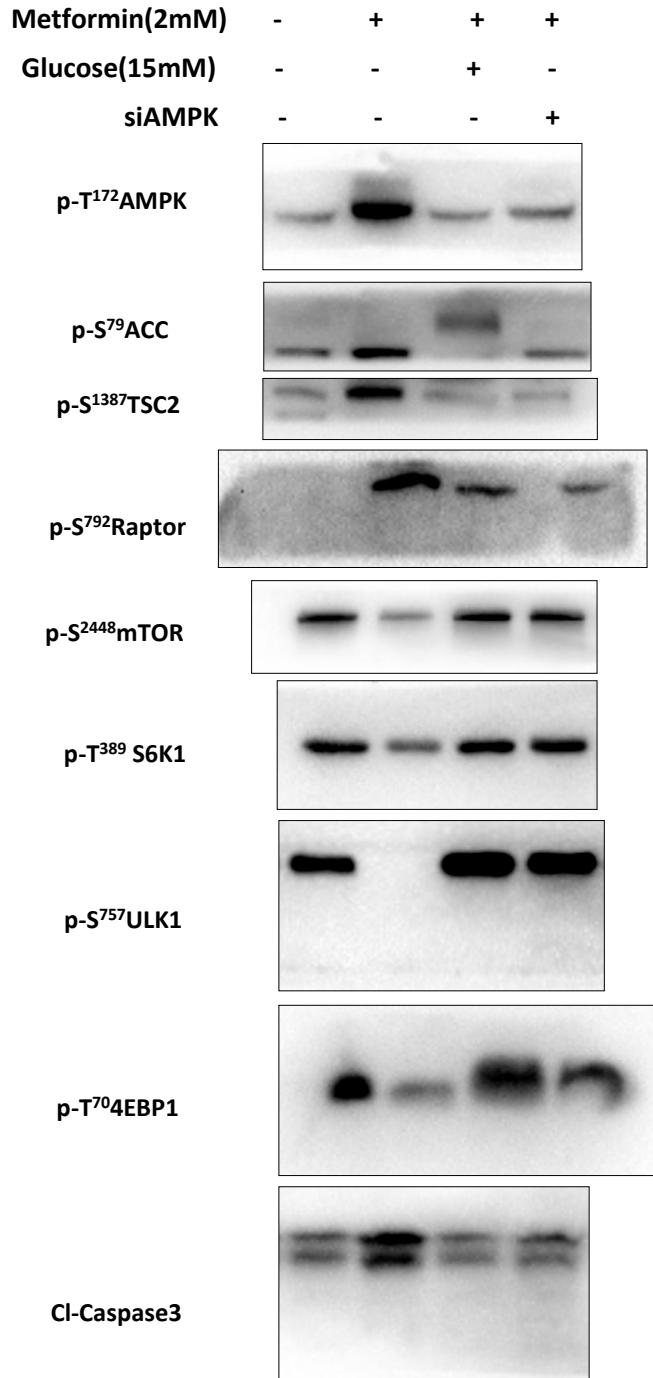


**Full title:** High glucose protects mesenchymal stem cells from metformin-induced apoptosis through the AMPK-mediated mTOR pathway

**Authors:** Xiao He, Yi Yang, Meng-Wei Yao, Ting-ting Ren, Wei Guo, Ling Li, Xiang Xu

# Supplementary information. The unprocessed images for Figure 2.

A



p-S<sup>473</sup>Akt

p-T<sup>308</sup>Akt

RagB

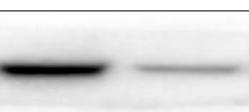
LC3B

β-actin

F

AMPK

B-actin



control siAMPK

C

Metformin (2mM) - + + +

Glucose (15mM) - - + -

Compound C (1uM) - - - +

IP  
Bad

Bcl-xL

p-Bad

Bad

Bcl-xL

Input

Bcl-xL

Bcl-xL

p-Bad

Bad

Bcl-xL