



Figure S1 The statistical graph of western blot (A-D) The statistical graph of western blot including Bax (A), Bcl-2 (B), caspase 3 (C), c-caspase 3 (D) in the indicated groups (LG, HG, HS) at indicated time points (24 and 48 h). All data were shown as mean \pm SEM (n=3 independent experiments). *, P<0.05; **, P<0.01; ***, P<0.001. LG, low D-glucose; HG, high D-glucose; HS, high glucose and sulfuretted hydrogen.

Table S1 The information of the indicated antibodies

Antibody	Cat. no.	Source
Annexin-V/PI kit	MA0220	Meilun Bio
Hoechst 33258	C1018	Beyotime
Caspase 3	BC3830	Solarbio
ROS-DCFHDA	MA0219	Meilun Bio
Bax	50599-2-Ig	Proteintech
Bcl-2	26593-1-AP	Proteintech
Caspase 3	19677-1-AP	Proteintech
C-caspase 3	#9661	Cell signaling
AMPK	66536-1-Ig	Proteintech
p-AMPK	bs-8813R	Bioss
mTOR	5536S	Sino biological
p-mTOR	66888-1-Ig	Proteintech
GAPDH	60004-I-Ig	Proteintech