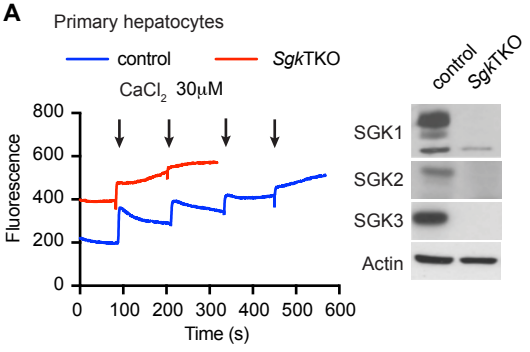
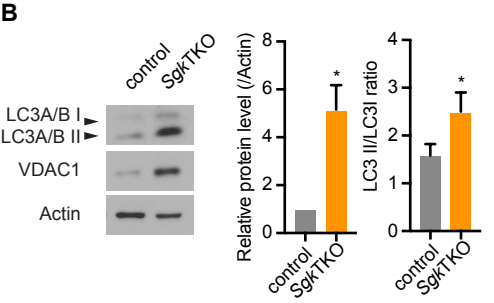
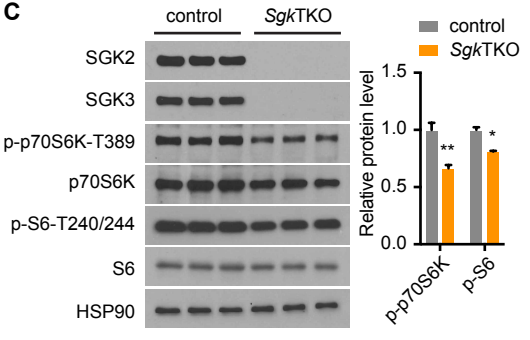

A
Primary hepatocytes
control
SgkTKO
CaCl2 30μM
Fluorescence
800
600
400
200
0
0 100 200 300 400 500 600
Time (s)
control
SgkTKO
SGK1
SGK2
SGK3
Actin


B
control
SgkTKO
LC3A/B I
LC3A/B II
VDAC1
Actin
Relative protein level (/Actin)
8
6
4
2
0
*
control
SgkTKO
LC3 II/LC3I ratio
4
3
2
1
0
*
control
SgkTKO


C
control
SgkTKO
SGK2
SGK3
p-p70S6K-T389
p70S6K
p-S6-T240/244
S6
HSP90
control
SgkTKO
Relative protein level
1.5
1.0
0.5
0.0
**
*
p-p70S6K
p-S6