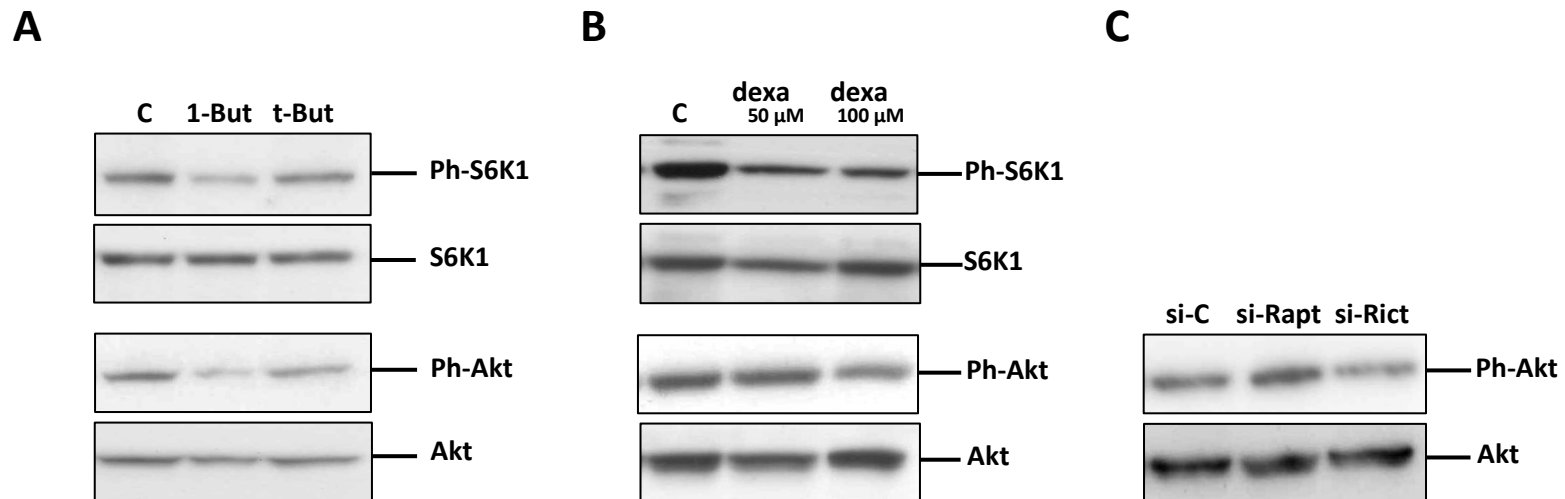


## Phospholipase D regulates the size of skeletal muscle cells through the activation of mTOR signaling

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### Additional file 2. Effects of various agents on the phosphorylation of mTORC1 substrate S6K1 and mTORC2 substrate Akt.

(A) Myotubes were treated for 2 days with 0.1% 1-butanol or 0.1% t-Butanol as a control. (B) Myotubes were left untreated, or treated for 2 days with 50  $\mu$ M or 100  $\mu$ M dexamethasone. (C) Myotubes were transfected for 2 days with control siRNA (si-C), or siRNA directed against Raptor (si-Rapt), or Rictor (si-Rict). Phospho-Thr389/412-S6K1, total S6K1, Ph-Ser473-Akt, total Akt, were then detected by immunoblotting.