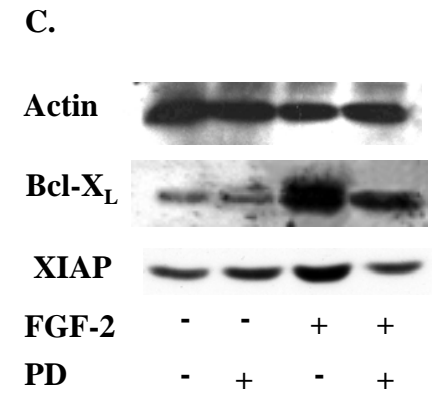
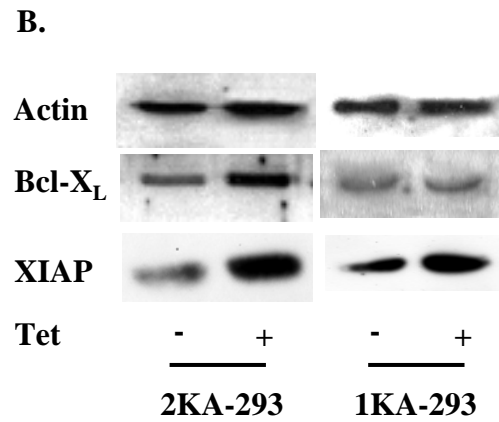
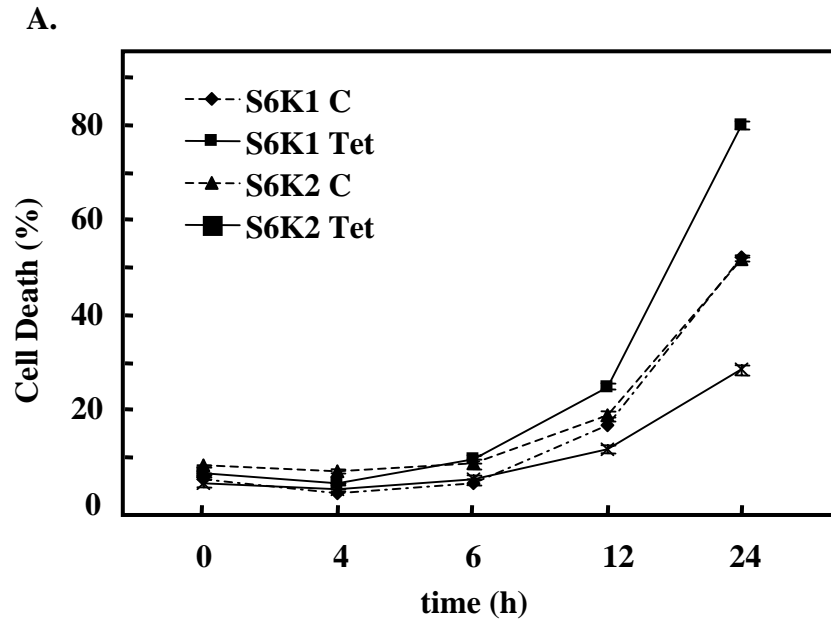


Supp Figure 4



Supplementary Figure 4: S6K2 kinase activity protects HEK293 cells from serum deprivation and induces expression of Bcl-X_L and XIAP. (A and B) HEK293 expressing tetracycline-inducible kinase-active S6K1 (1KA) or 2 (2KA) were treated with or without tetracycline for 6h (B) or the time indicated (A). (A) Cells were grown in the absence of FCS and a cell death time-course performed. Cell death was assessed microscopically by determining Trypan blue positivity. Results shown are averages \pm SEM of triplicates. (C) HEK293 cells were treated for 1h with or without 25 μ M PD098059 prior to stimulation with FGF-2 for 4h. (B and C) Cell lysates were analysed by SDS-PAGE/WB for the levels of Bcl-X_L and XIAP. Actin was used as a loading control. Results shown are representative of at least three independent experiments.