

Variations in the fetal bovine serum and glucose concentration in the culture medium impact the viability of glioblastoma cells as evidenced through the modulation of cell cycle and reactive oxygen species: An *in vitro* study

Raw image file

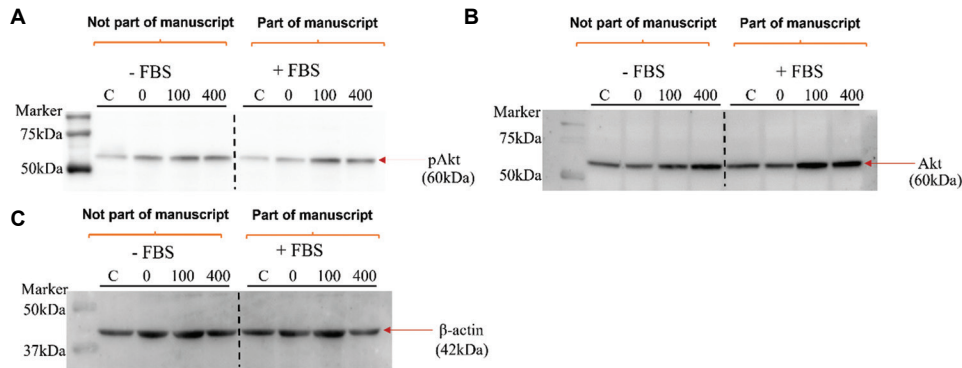


Figure R1. Original images of Western blots for phosphorylated Akt (pAkt), Akt, and beta-actin in Figure 4A. (A) Western blots for pAkt (60kDa). (B) Western blots for total Akt (60kDa). (C) Western blots for beta-actin (42kDa). C refers to control. Abbreviations: Akt: Protein kinase B; FBS: Fetal bovine serum.

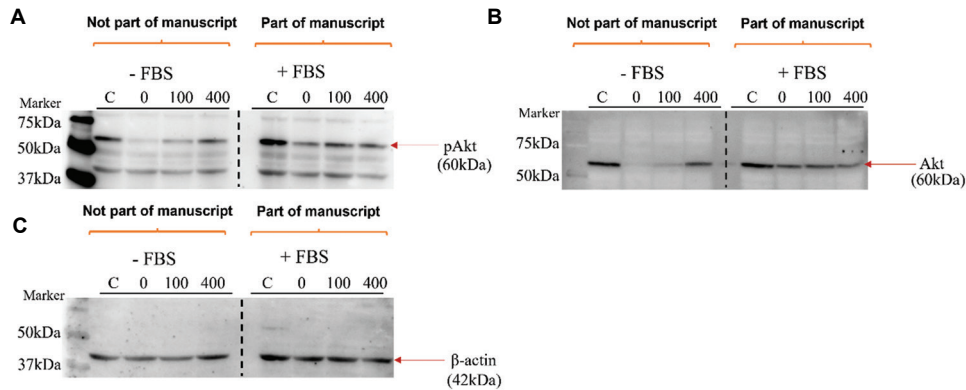


Figure R2. Original images of Western blots for phosphorylated Akt (pAkt), Akt, and beta-actin in Figure 4B. (A) Western blots for pAkt (60kDa). (B) Western blots for total Akt (60kDa). (C) Western blots for beta-actin (42kDa). C refers to control. Abbreviations: Akt: Protein kinase B; FBS: Fetal bovine serum.

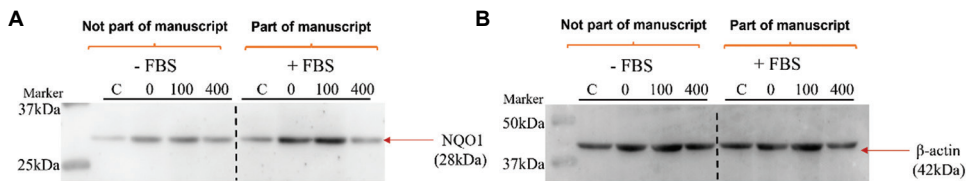


Figure R3. Original images of Western blots for NQO1 and beta-actin in Figure 5D. (A) Western blots for NQO1 (28kDa). (B) Western blotting for beta-actin (42kDa). C refers to control. Abbreviations: FBS: Fetal bovine serum; NQO1: Nicotinamide adenine dinucleotide phosphate quinone oxidoreductase.

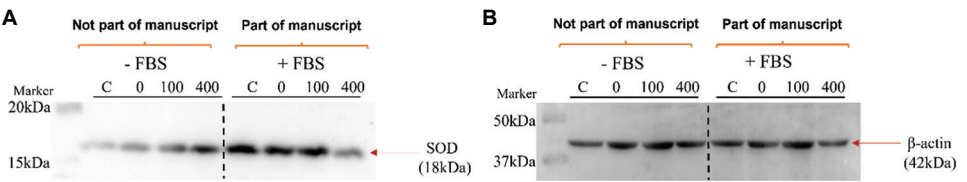


Figure R4. Original images of Western blots for SOD and beta-actin in Figure 5E. (A) Western blots for SOD (18kDa). Western blots for beta-actin (42kDa). C refers to control.
Abbreviations: FBS: Fetal bovine serum; SOD: Superoxide dismutase.

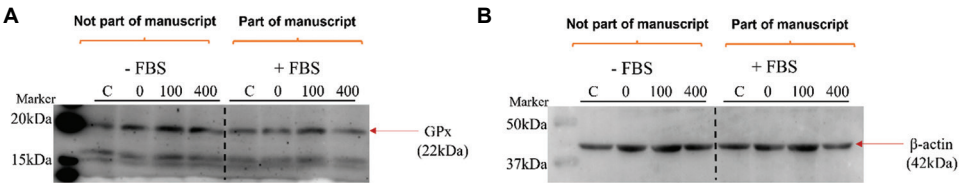


Figure R5. Original images of Western blots for GPx and beta-actin in Figure 5F. (A) Western blots for GPx (22kDa). (B) Western blots for beta-actin (42kDa). C refers to control.
Abbreviations: FBS: Fetal bovine serum; GPx: Glutathione peroxidase.

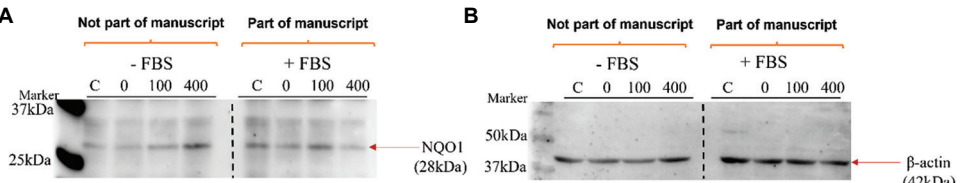


Figure R6. Original images of Western blots for NQO1 and beta-actin in Figure 6D. (A) Western blots for NQO1 (28kDa). (B) Western blots for beta-actin (42kDa). C refers to control.
Abbreviations: FBS: Fetal bovine serum; NQO1: Nicotinamide adenine dinucleotide phosphate quinone oxidoreductase.

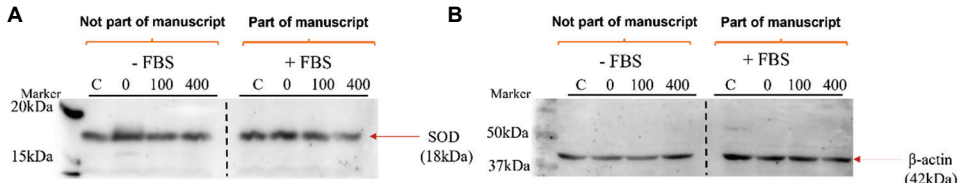


Figure R7. Original images of Western blots for SOD and beta-actin in Figure 6E. (A) Western blots for SOD (18kDa). (B) Western blots for beta-actin (42kDa). C refers to control.
Abbreviations: FBS: Fetal bovine serum; SOD: Superoxide dismutase.

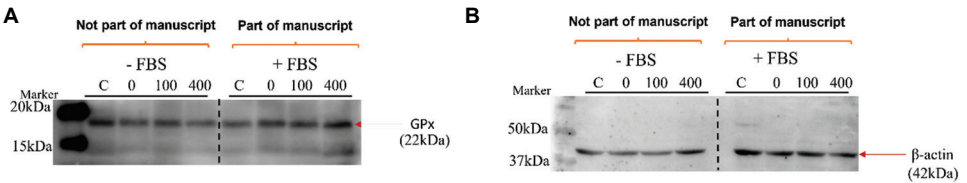


Figure R8. Original images of Western blots for GPx and beta-actin in Figure 6F. (A) Western blots for GPx (22kDa). (B) Western blots for beta-actin (42kDa). C refers to control.
Abbreviations: FBS: Fetal bovine serum; GPx: Glutathione peroxidase.

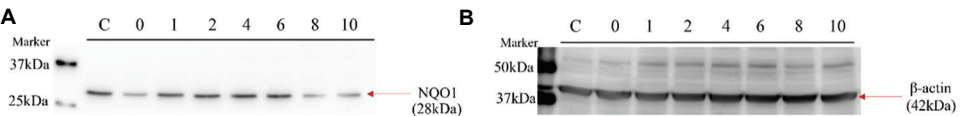


Figure R9. Original images of Western blots for NQO1 and beta-actin in Figure 11D. (A) Western blots for NQO1 (28kDa). (B) Western blots for beta-actin (42kDa). C refers to control.
Abbreviations: FBS: Fetal bovine serum; NQO1: Nicotinamide adenine dinucleotide phosphate quinone oxidoreductase.

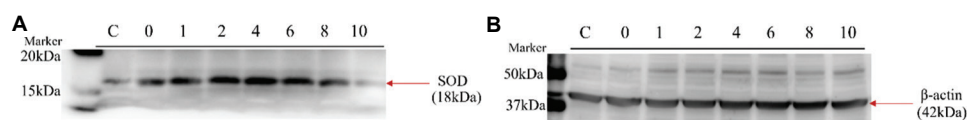


Figure R10. Original images of Western blots for SOD and beta-actin in Figure 11E. (A) Western blots for SOD (18kDa). (B) Western blots for beta-actin (42kDa). C refers to control.

Abbreviations: FBS: Fetal bovine serum; SOD: Superoxide dismutase.

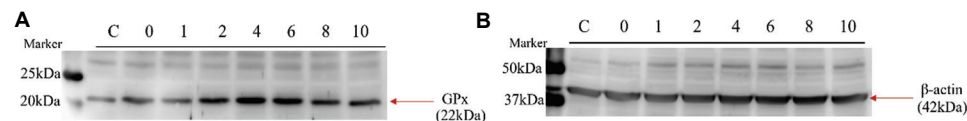


Figure R11. Original images of Western blots for GPx and beta-actin in Figure 11F. (A) Western blots for GPx (22kDa). (B) Western blots for beta-actin (42kDa). C refers to control.

Abbreviations: FBS: Fetal bovine serum; GPx: Glutathione peroxidase.

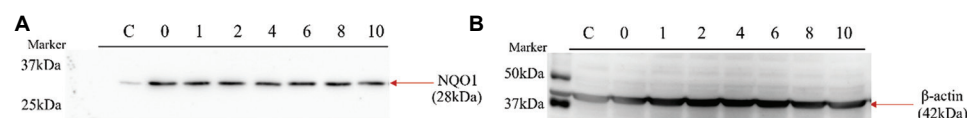


Figure R12. Original images of Western blots for NQO1 and beta-actin in Figure 12D. (A) Western blots for NQO1 (28kDa). (B) Western blots for beta-actin (42kDa). C refers to control.

Abbreviations: FBS: Fetal bovine serum; NQO1: Nicotinamide adenine dinucleotide phosphate quinone oxidoreductase.

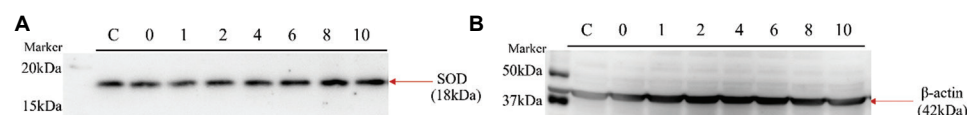


Figure R13. Original images of Western blots for SOD and beta-actin in Figure 12E. (A) Western blots for SOD (18kDa). (B) Western blots for beta-actin (42kDa). C refers to control.

Abbreviations: FBS: Fetal bovine serum; SOD: Superoxide dismutase.

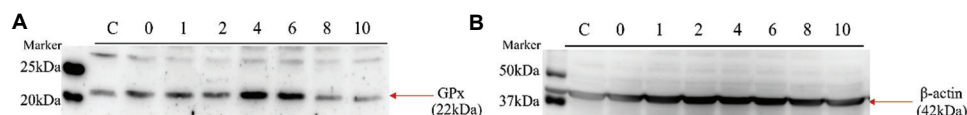


Figure R14. Original images of Western blots for GPx and beta-actin in Figure 12F. (A) Western blots for GPx (22kDa). (B) Western blots for beta-actin (42kDa). C refers to control.

Abbreviations: FBS: Fetal bovine serum; GPx: Glutathione peroxidase.

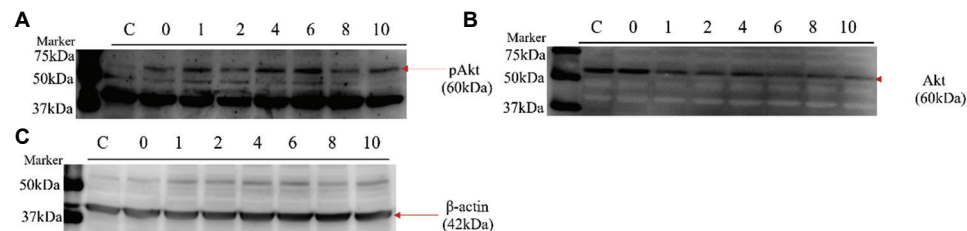


Figure R15. Original images of Western blots for phosphorylated Akt (pAkt), Akt, and beta-actin in Figure 14A. (A) Western blots for pAkt (60kDa). (B) Western blots for total Akt (60kDa). (C) Western blots for beta-actin (42kDa). C refers to control.

Abbreviations: Akt: Protein kinase B; FBS: Fetal bovine serum.

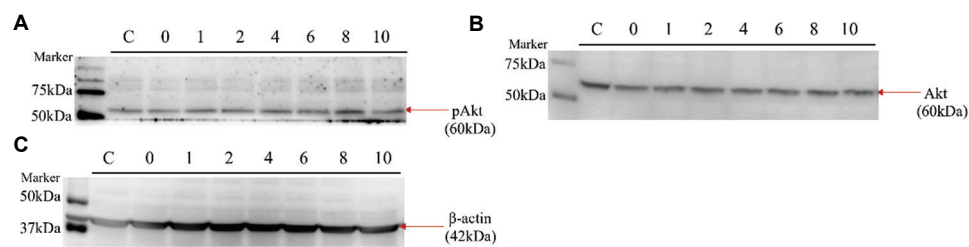


Figure R16. Original images of Western blots for phosphorylated Akt (pAkt), Akt, and beta-actin in Figure 14B. (A) Western blots for pAkt (60kDa). (B) Western blots for total Akt (60kDa). (C) Western blots for beta-actin (42kDa). C refers to control. Abbreviations: Akt: Protein kinase B; FBS: Fetal bovine serum.