

Supplementary information

PERK silence inhibits glioma cell growth under low glucose stress by blockage of p-AKT and subsequent HK2's mitochondria translocation

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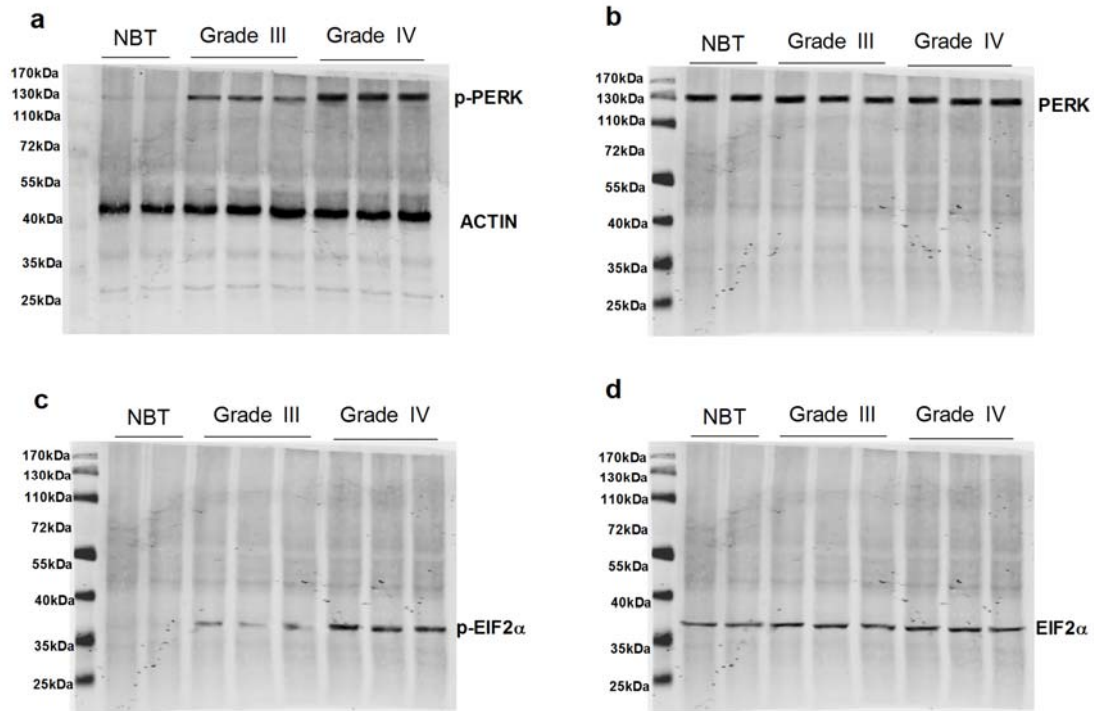
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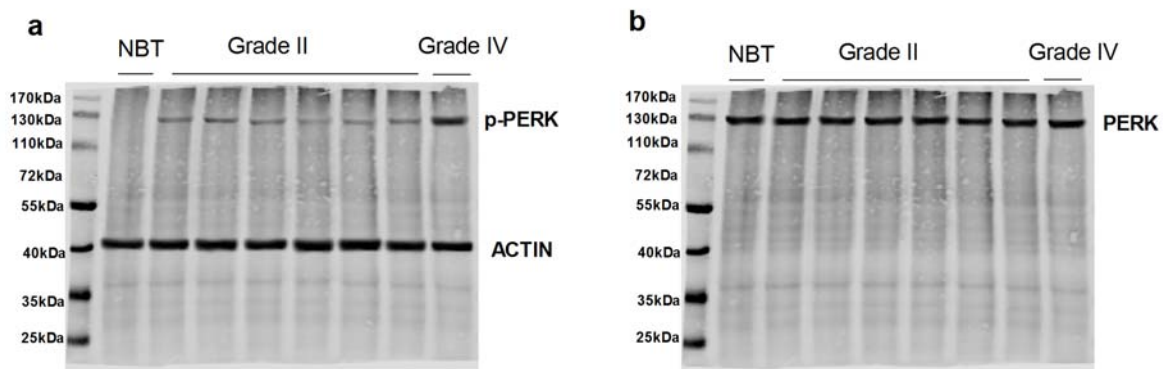
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Supplementary figure 1 - PERK is strongly activated in glioma tissues. Westernblot analyses of p-PERK, PERK, p-EIF2 α and EIF2 α protein expression in different grades of gliomas and nontumor brain tissues (NBT) with the full size panels for immunoblot.



Supplementary figure 2 - PERK is differentially activated in Grade II glioma tissues. Westernblot analyses of p-PERK, PERK, p-EIF2 α and EIF2 α protein expression in nontumor brain tissue (NBT) sample, 6 Grade II glioma samples and Grade IV grade glioma sample with the full size panels for immunoblot.