



Supplementary Figure S4. The effect of VEGF-B neutralization on the expression of GFAP, GS and Kir4.1 in QMMuC-1 cells under stress conditions. QMMuC-1 Müller cells cultured under hypoxia condition were treated with anti-VEGF-B neutralizing antibody for 72 h and the gene and protein expression of GFAP (**A** and **B**, respectively) and GS (**C**) was determine by qPCR and Western blot. **D-E**) QMMuC-1 cells treated with 4-HNE (10 μ M) with/without VEGF-B neutralization and the expression of GFAP (**D**, mRNA and **E**, protein) and Kir4.1 mRNA (**F**) and protein (**G**) by qPCR and Western Blot. * $p < 0,05$; ** $p < 0,01$; *** $p < 0,005$, One-Way ANOVA followed by Newmann-Keuls comparing all groups. AB, Antibody. Anti-VEGF-B antibody, 500 ng/mL. Data represented normalized to control values. n=4-5/group in qPCR and Western Blot.