Deletion of mitochondrial translocator protein (TSPO) gene decreases oxidative retinal pigment epithelial cell death via modulation of TRPM2 channel

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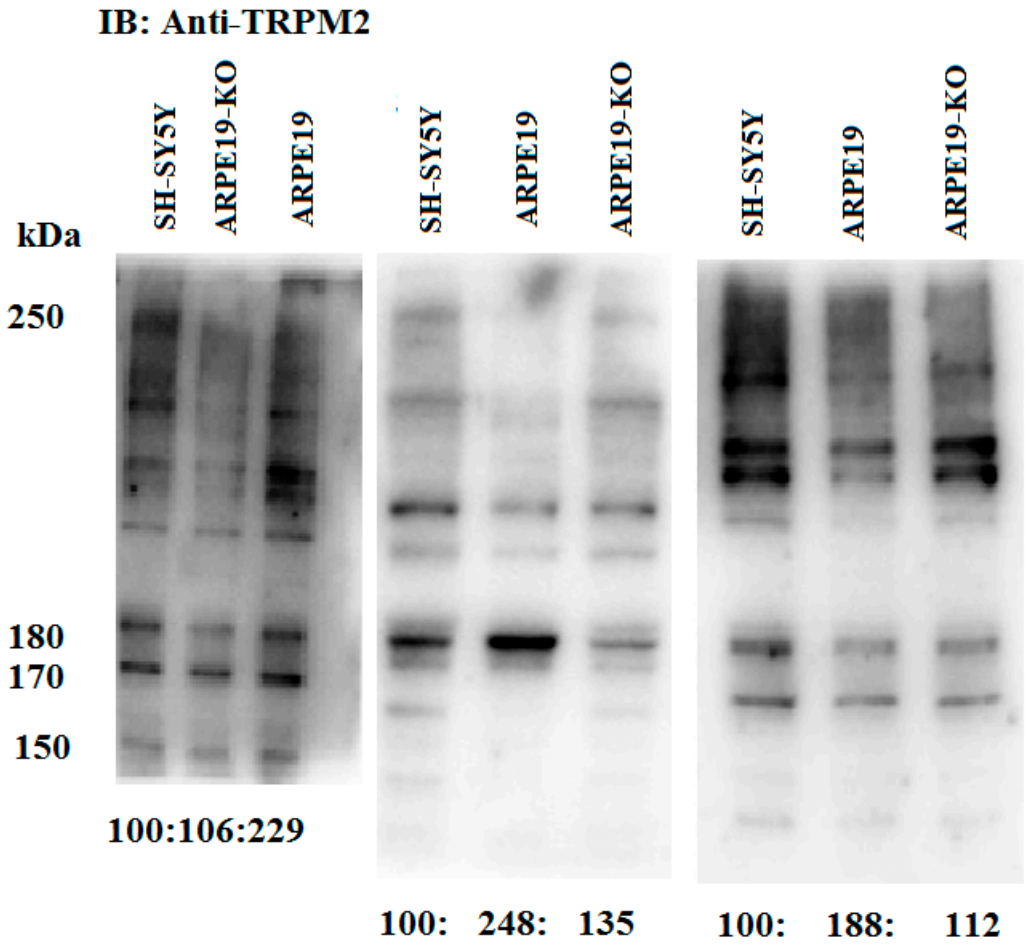
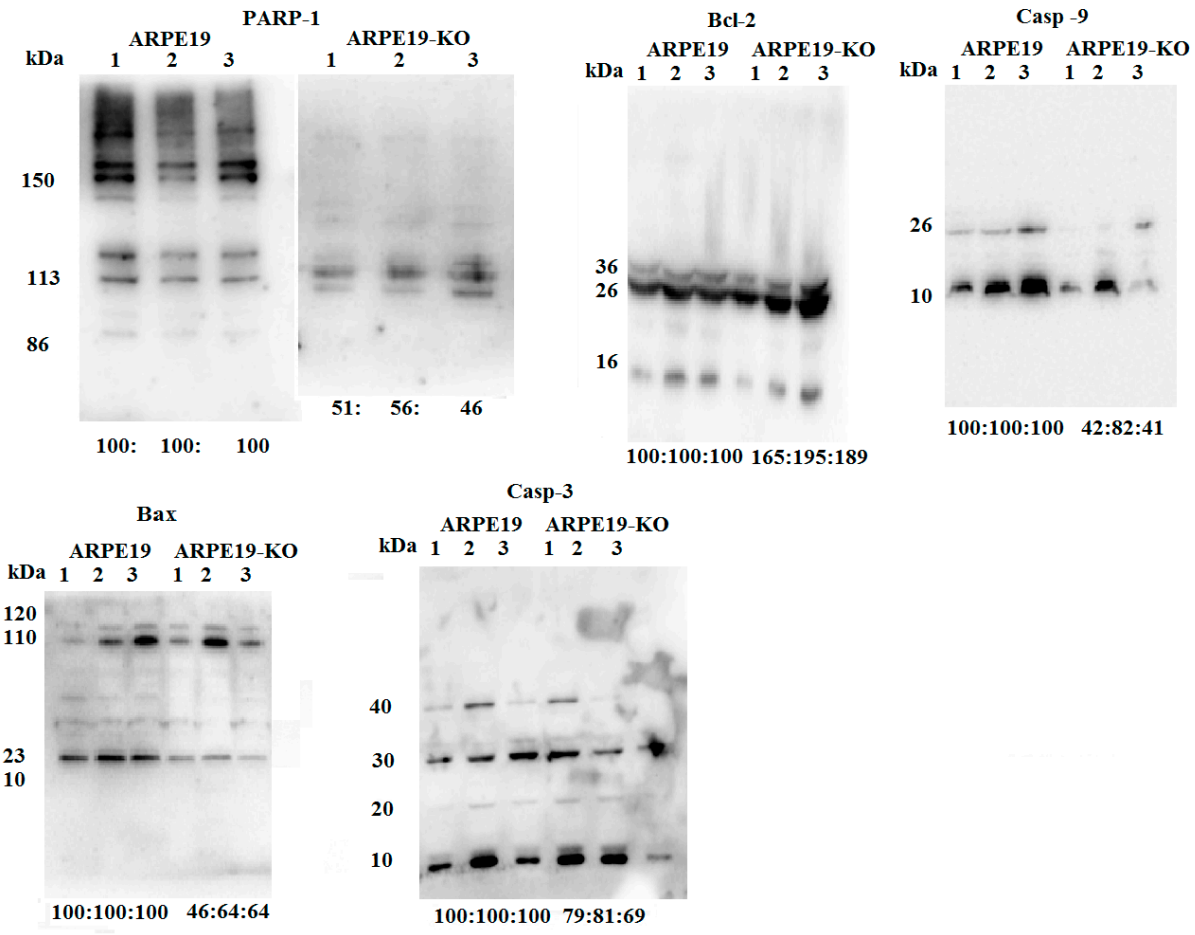


Supplementary Figure 1. The row data of TRPM2 protein expression level in the SH-SY5Y, ARPE19, and ARPE19-KO cells. (Mean ± SD and n=3). For the expression levels of TRPM2 protein in the cells of SH-SY5Y, ARPE19, and ARPE19-KO, we used standard Western blot analyses. The protein bands of β-actin were used as control. 1:500. (b) Densitometry readings/intensity ratio, using ImageJ software and were normalized to the corresponding β-Actin value. The results were expressed in relative density changes.



Supplementary Figure 2. The row data of PARP-1, caspase-3 (Casp -3), caspase -9 (Casp -9), Bcl-2, and Bax in the ARPE19 and ARPE19-KO cells. (Mean ± SD and n=3). For the protein expression levels in the cells of ARPE19 and ARPE19-KO, we used standard Western blot analyses. The protein bands of β-actin were used as control. The protein bands of β-actin were used as control. 1:200-1:1000. (b) Densitometry readings/intensity ratio, using ImageJ software and were normalized to the corresponding β-Actin value. The results were expressed in relative density changes.