

Alpha7 nicotinic acetylcholine receptor agonist promotes retinal ganglion cell function via modulating GABAergic presynaptic activity in a chronic glaucomatous model.

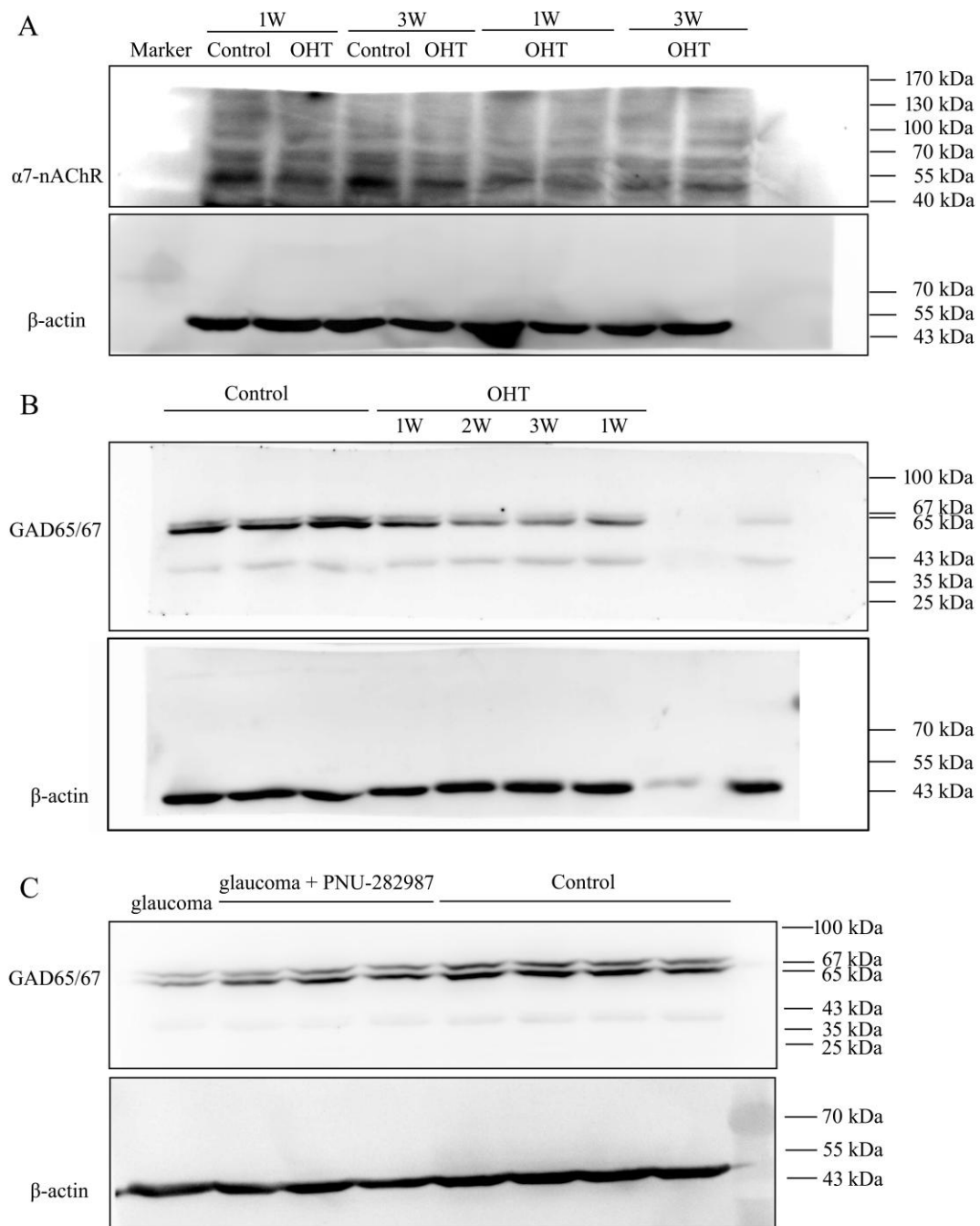
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Supplementary Figure Legends

Supplementary Figure S1: The full-length blots of Figure 1C, Figure 4F and Figure 6A. (A) Western blot analysis of proteins expression in control and glaucomatous retinas at 1 week and 3 weeks after EVC. The full-length blots of Figure 1C, showed the expression of $\alpha 7$ -nAChR and β -actin. (B) Western blot analysis of proteins expression in control and 1, 2, 3 weeks after EVC. The full-length blots of Figure 4F,

showed the expression of GAD65/67 and β -actin. (C) Western blot analysis of proteins expression in whole retina from control, glaucomatous eyes and PNU-282987 treated eyes. The full-length blots of Figure 6A, showed the expression of GAD65/67 and β -actin. $\alpha 7$ -nAChR, $\alpha 7$ nicotinic acetylcholine receptor; w, week; OHT, ocular hypertension; GAD, glutamic acid decarboxylase.