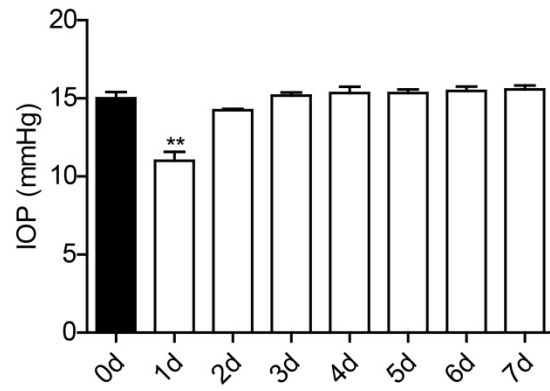


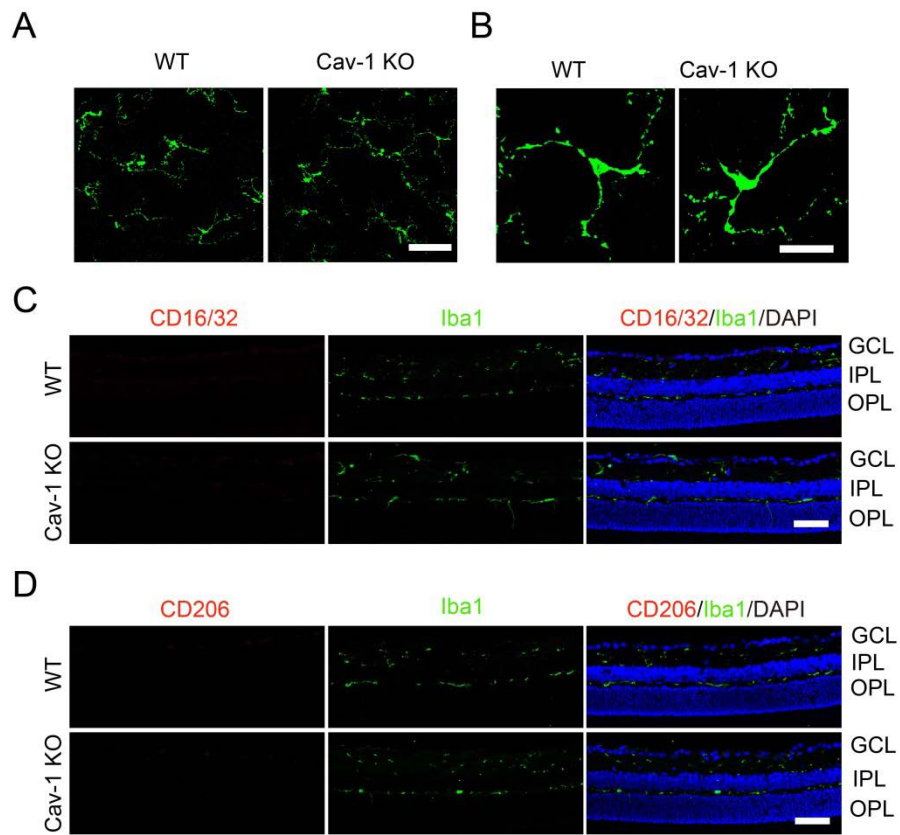
**Caveolin-1 Protects Retinal Ganglion Cells against Acute
Ocular Hypertension Injury via Modulating Microglial
Phenotypes and Distribution and Activating AKT pathway**

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Supp. Fig. 1. IOP kept at the normal level after the hypertension treatment. IOP were measured daily before and after the establishment of acute ocular hypertension model. The IOP reduced significantly right after the treatment because of the loss of aqueous humor. However, it recovered to the normal level thereafter. n=4, p=0.0013 for 0d vs 1d.



Supp. Fig. 2. Cav1 KO mouse retina does not show microglia activation under intact condition. (A, B) 8-wk mouse wholemount retinae were preceded for immunostaining against Iba1. (C). Retinal sections stained with M1 marker CD16/32. (D). Retinal sections stained with M1 marker CD206. Scale bar: 50 μ m in A, C and D; 20 μ m in B.