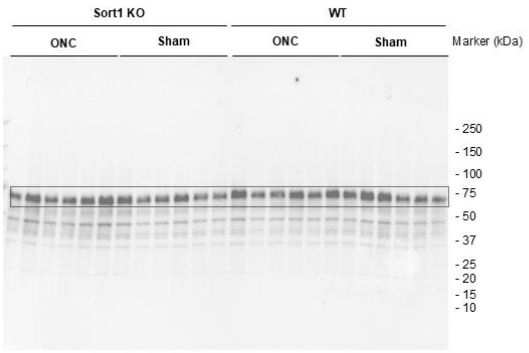
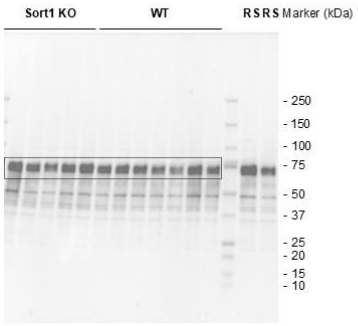
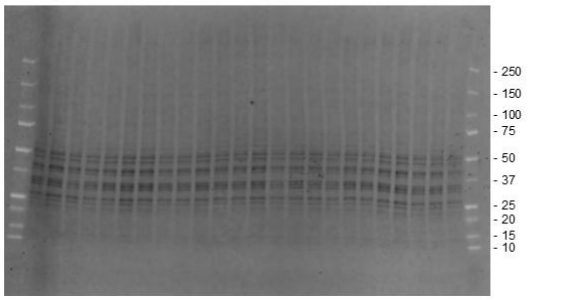
A p75^{NTR} 7 dpc



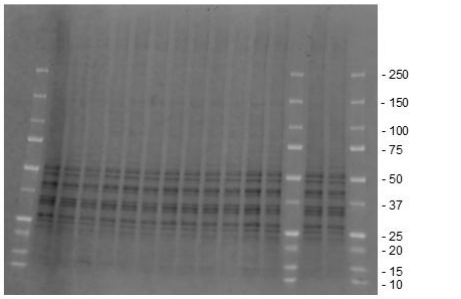
B p75^{NTR} Baseline



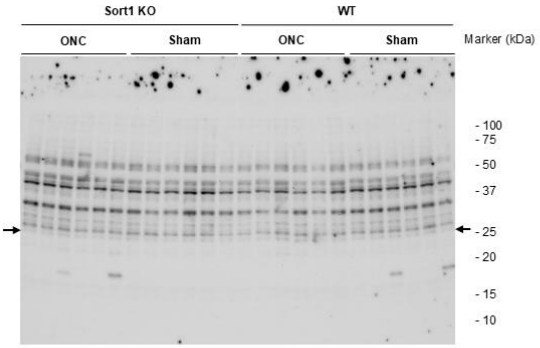
C Total protein P75^{NTR} ONC + Sham 7 dpc



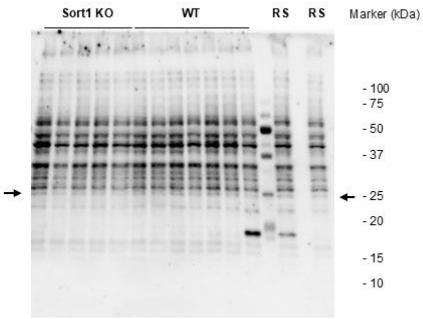
D Total protein P75^{NTR} Baseline



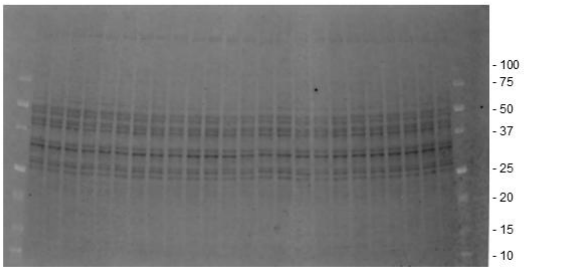
E TNFα 7 dpc



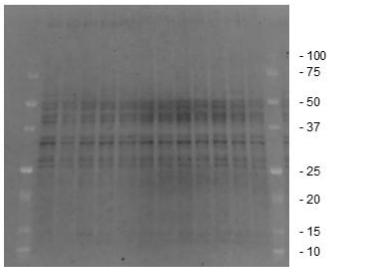
F TNFα Baseline



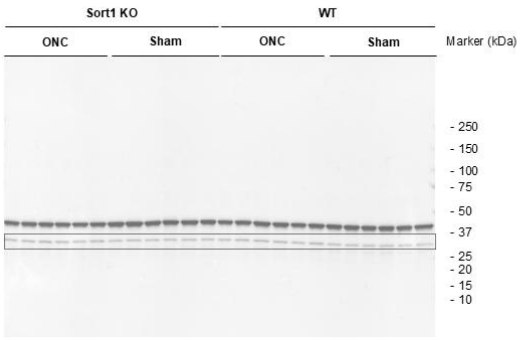
G Total protein TNFα ONC + Sham 7 dpc



H Total protein TNFα Baseline



I proBDNF 7 dpc



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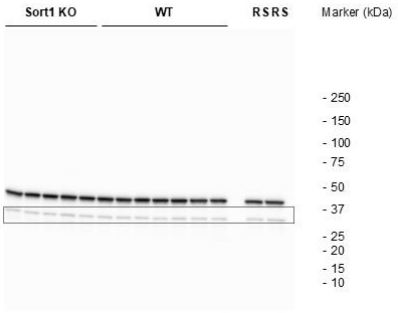
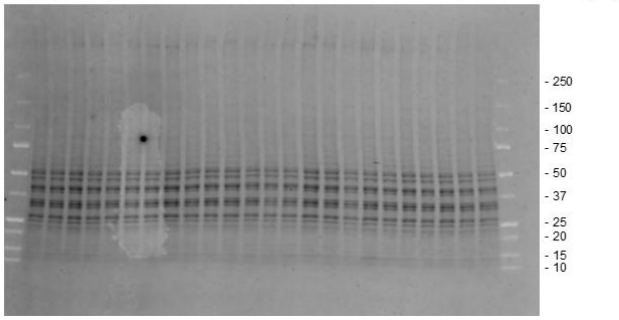
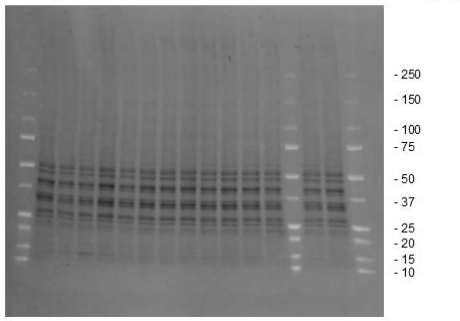


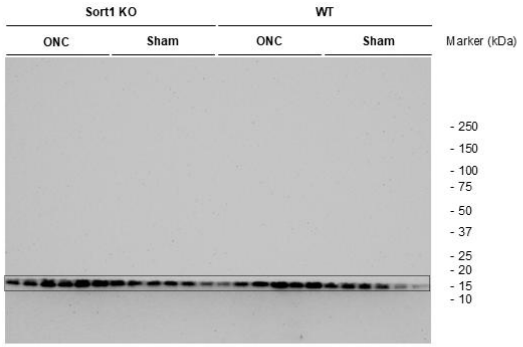
K Total protein proBDNF ONC + Sham 7 dpc



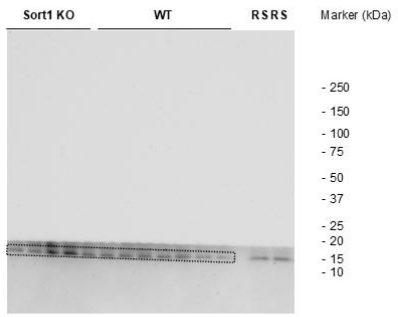
L Total protein proBDNF Baseline



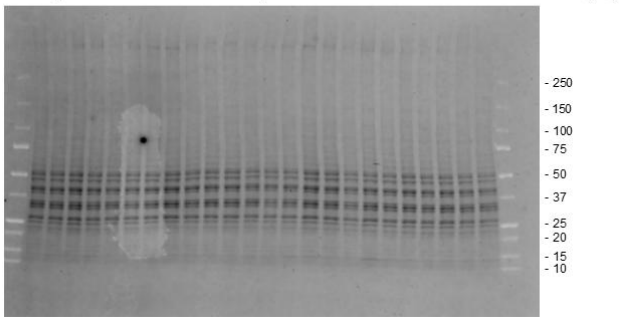
M BDNF 7 dpc



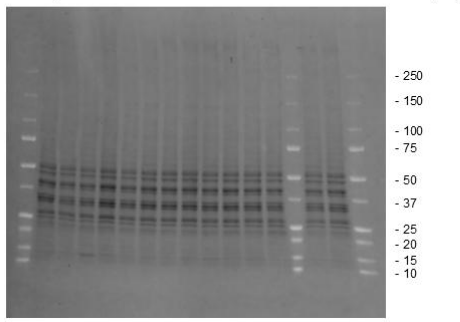
N BDNF Baseline



O Total protein BDNF ONC + Sham 7 dpc



P Total protein BDNF Baseline



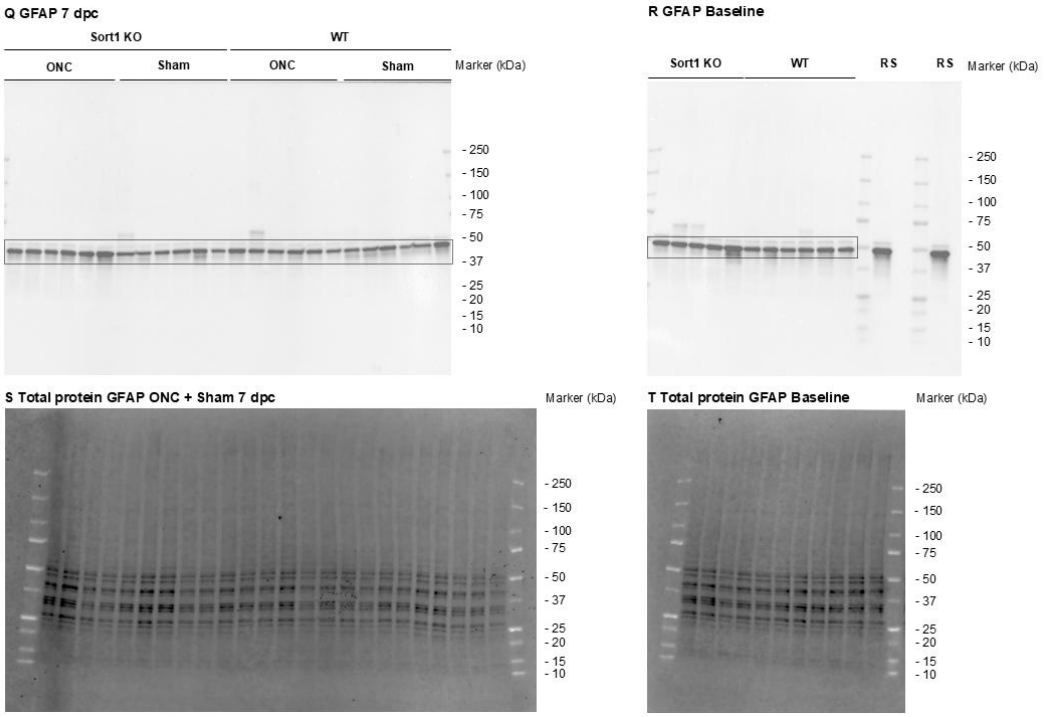


Figure S6. Western blot analysis for p75^{NTR}, TNFα, BDNF, and GFAP in retinal tissue lysate following optic nerve crush. Image shows membrane stained for p75^{NTR} (A-D), TNFα (E-H), proBDNF (I-L), BDNF (M-P) and GFAP (Q-T) with data cropped for Figure 4E highlighted by dotted boxes or arrows. Baseline levels of each of the analyzed proteins are shown in B, F, J, N, and R. To enable specific detection of the BDNF signal (M,N), portions of the membrane were masked to prevent interference from nonspecific binding. Additional total protein, quantified for use in loading normalization is shown (C, D, G, H, K, L, O, P, S, and T). dpc, days post crush; RS, reference sample for use in inter-gel normalization.