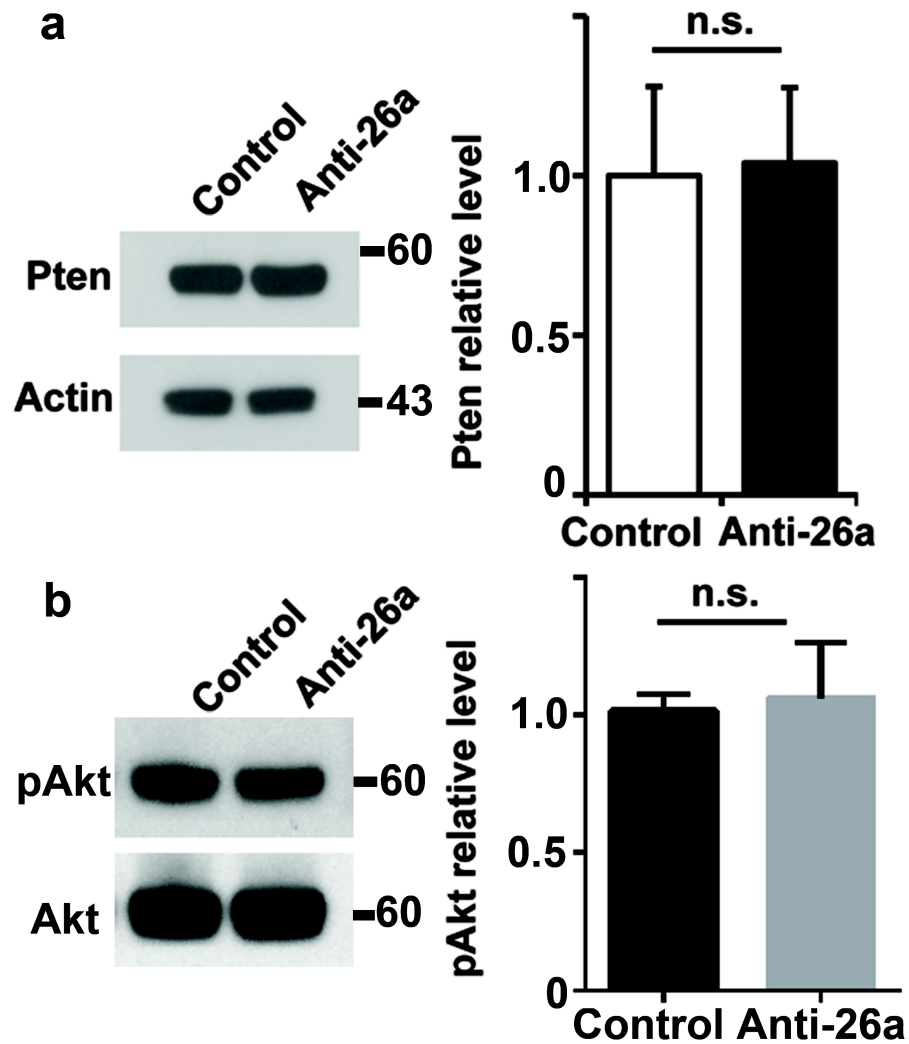
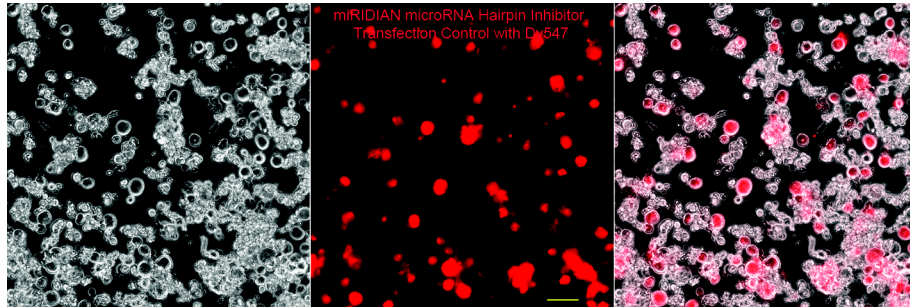


Supplementary Figure S1. miR-26a targets GSK3 β but not GSK3 α . (a) In a neuronal cell line miR-26a most efficiently regulated GSK3 β expression. (b) In adult mouse sensory neurons, miR-26b had no regulatory effect on GSK3 β expression.



Supplementary Figure S2. Endogenous miR-26a does not target Pten pathway in adult mouse sensory neurons. (a) Representative western blot image and quantification of Pten (normalized to actin, n = 3) in cultured adult mouse sensory neurons 3 days after inhibition of miR-26a (anti-26a). (b) Representative western blot image and quantification of phosphorylated Akt (normalized to Akt, n = 3) in cultured adult mouse sensory neurons 3 days after inhibition of miR-26a.



Supplementary Figure S3. Electroporation of fluorescence dye labeled microRNA inhibitor in adult mouse sensory neurons. Note the high transfection efficiency. Scale bar = 100 μm .