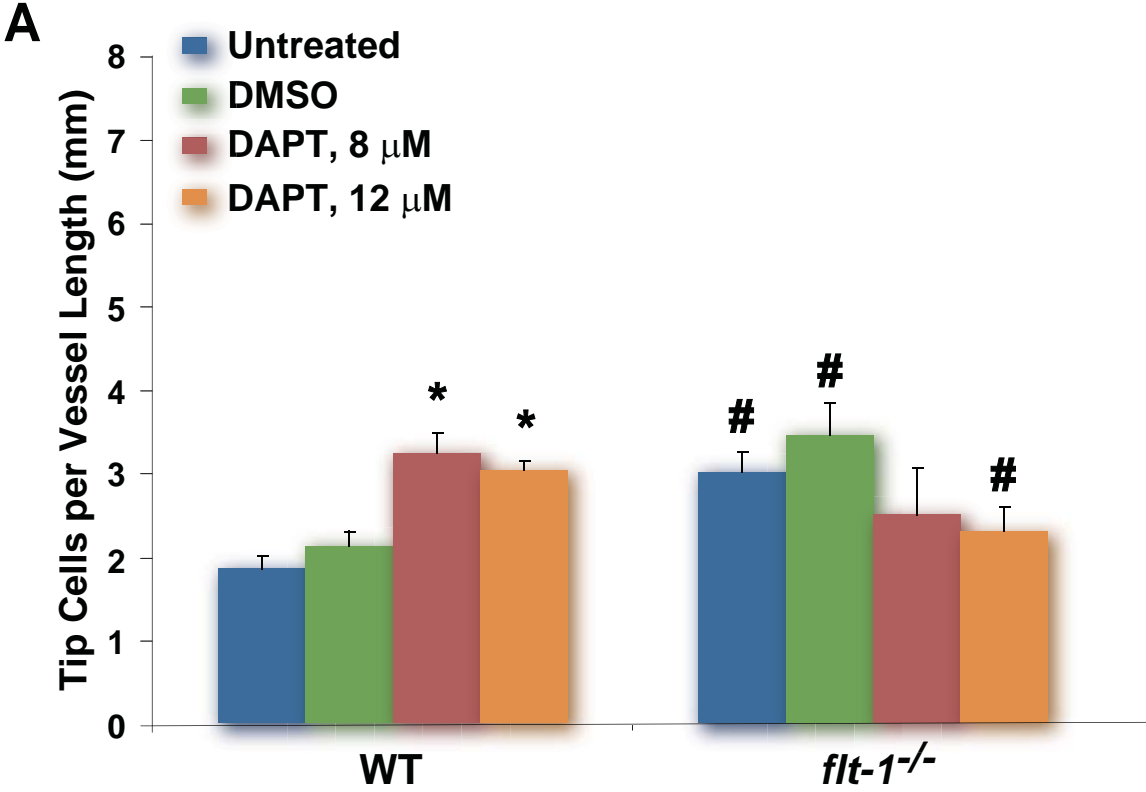


Supplemental Material

Supplemental Figure I. DAPT treatment induces more tip cells from WT vessels but not *flt-1*^{-/-} vessels, and an increased DAPT concentration does not alter these responses. Dy 7 tip cells per vessel length (A). *, $p \leq 0.004$ vs. WT/untreated or WT/DMSO. #, $p \leq 0.03$ vs. WT of same treatment group. Values are averages +/- standard error of the mean (SEM).

Supplemental Figure II. Vessel diameter is unaffected by Notch inhibition, and endothelial proliferation is unaffected by an increased dose of DAPT. Dy 8 vessel networks assessed for average vessel branch diameter (A). Dy 7 vessel mitotic indexes were quantified by counting PH3+/PECAM-1+ cells and normalizing to total PECAM-1+ cells (B). #, $p \leq 0.04$ vs. WT of same treatment group. *, $p \leq 0.05$ vs. *flt-1*^{-/-}/untreated or *flt-1*^{-/-}/DMSO. Values are averages +/- SEM.

Supplemental Figure I.



Supplemental Figure II.

