Supplement Figure S1: Specificity of abcam ab8926 NOTCH2 antibody.

A. Ovaries and connecting oviduct from sexually immature P21 mice treated with hCG and PMSG stained with two different NOTCH2 antibodies (Abcam ab8926 and Abnova NOTCH2 antibody) gave similar staining patterns. Upper panels: NOTCH2 expression was detected in the thecal cells, and antral follicle granulosa cells. Weaker NOTCH2 staining was observed in the peripheral granulosa cells of early post-ovulatory corpus lutea. 10x original magnification. Lower panels: NOTCH2 expression was observed in stratified squamous epithelium lining the oviduct. 20x original magnification.

B. NOTCH2 expression was distinct from that of NOTCH1 in the thecal and corpus luteal vessels, and NOTCH3 in the vascular smooth muscle cells of surrounding the vessels in the theca. 20x original magnification.

Supplement References


NOTCH1 reference

NOTCH3 reference