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The images depict double immunofluorescence staining, revealing the presence of β-catenin-accumulating cell clusters (green) in the pituitary of a mouse model for human adamantinomatous craniopharyngioma (right) but not in the control (left). These clusters do not express ACTH (red), a marker of corticotroph and melanotroph differentiation. Magnification 400×. Reproduced, with permission, from Gaston-Massuet et al. (2011) Increased Wingless (Wnt) signaling in pituitary progenitor/stem cells gives rise to pituitary tumors in mice and humans. PNAS 108 11482–11487.


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The images depict double immunofluorescence staining, revealing the presence of β-catenin-accumulating cell clusters (green) in the pituitary of a mouse model for human adamantinomatous craniopharyngioma (right) but not in the control (left). These clusters do not express ACTH (red), a marker of corticotroph and melanotroph differentiation. Magnification 400×. Reproduced, with permission, from Gaston-Massuet et al. (2011) Increased Wingless (Wnt) signaling in pituitary progenitor/stem cells gives rise to pituitary tumors in mice and humans. PNAS 108 11482–11487.

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