

## Dopamine D1 and D2 receptor immunoreactivities in the arcuate-median eminence complex and their link to the tubero-infundibular dopamine neurons

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**Supplementary Figure 1.** Antibodies quality controls. The anti-dopamine D1 antibody (D2944) show specificity reactivity (green) in HEK293T-27 cells single transfected with 2 g of dopmaine D1 receptor cDNA (A-left) and not cross-reactivity in cells single transfected with 2 g of dopmaine D2 receptor cDNA (A-right). The specificity of the anti-D2 receptor antibody (AB5084P) was validated (red) in cells single transfected with 2 g of dopmaine D2 receptor (B-left) or dopamine D1 receptor (B-right) cDNA. Cells single transfected with dopamine D1 cDNA does not show a cross-reactivity with the anti-dopamine D2 receptor antibody (AB5084P). Nuclei appear as a blue color in all panels (DAPI staining).

