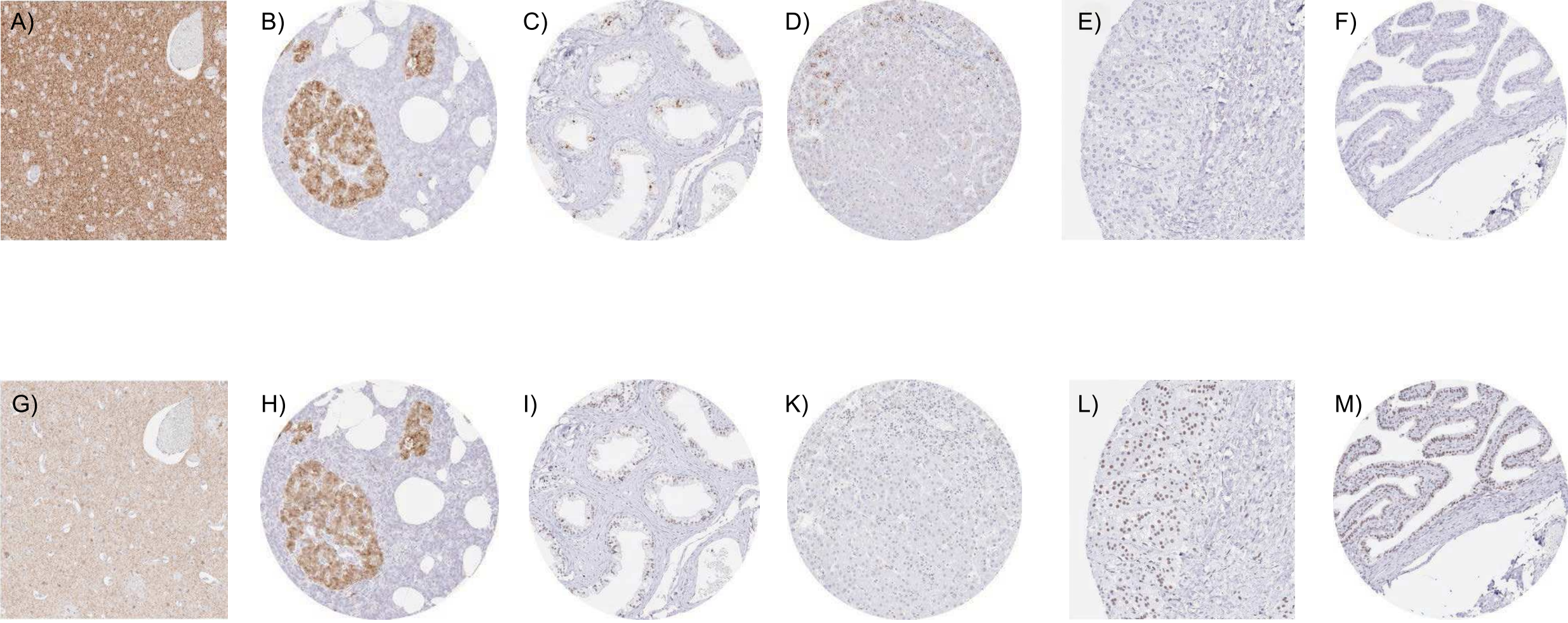

Supplementary Figure 1. IHC validation by comparison of antibodies. The panels show immunostaining results obtained by two independent GAD2 antibodies (MSVA-602M, EPR22952-70). Using MSVA-602M, a strong (cytoplasmic) positivity was seen in nerve fibres of the cerebrum (A) and in the cells of pancreatic islets of Langerhans (B). MSVA-602M also stained pigment in the cauda epididymidis (C) and the liver (D) while staining was absent in the adrenal gland (E), and in the fallopian tube (F). Using clone EPR22952-70, a weaker but similar staining was seen in the cerebrum (G) and the pancreas (H). EPR22952-70 did not show pigment staining in the epididymidis (I) and the liver (K) but resulted in a nuclear staining of many tissues such as the adrenal gland (L) and the fallopian tube (M). The images A-F and G-M are from consecutive tissue sections.