



Figure 4: Proliferation and apoptosis were not modified in pancreases cultured in presence of PP2A inhibitors.

a: E13.5 pancreases were grown for 7 days in the presence of glucose or xylitol alone or supplemented with okadaic acid or Calyculin A at the indicated concentrations. Pancreases were pulsed with BrdU during the last hour of culture to ensure labelling of cells in S phase. The tissues were analyzed by immunohistochemistry using anti-BrdU antibody. Nuclei were stained in blue using a Hoechst dye. The percentage of BrdU+ cells per pancreas was quantified.

b: E13.5 pancreases were grown for 7 days in the presence of glucose or xylitol alone or supplemented with okadaic acid or Calyculin A at the indicated concentrations. The tissues were analyzed by immunohistochemistry using *in situ* cell death detection kit from Roche. Nuclei were stained in blue using a Hoechst dye. The percentage of TUNEL+ cells per pancreas was quantified.