



Fig. 4. Phosphorylase patterns and DPE2 activity in tuber discs following incubation with various sugars or sugar derivatives.

Proteins were extracted from potato tuber discs after 60 min incubation with the respective sugar or sugar derivatives. Equal amounts (5 μ g each) of buffer-soluble proteins each were applied to a native slab gel containing 0.2% [w/v] glycogen. Following electrophoresis the separation gel was stained for DPE2 (a) and Pho2 (b) activity, respectively.