



**Figure 32. RT/PCR analysis of *bves* expression in the eye and controls for immunochemical reagents.** (A) RT/PCR analysis of eye and heart RNAs from selected stages of chicken development demonstrates the presence of *bves* transcript in both tissues. GAPDH primers serve as a positive control. Controls with no RT (data not shown) were negative demonstrating the RNA-dependent nature of the reaction. Stages are indicated in the figure. (B) The reaction of anti-Bves B846 antiserum with the embryonic day 7 eye shows positive staining for B846 (a) at the fused interface between pigmented and neural retina while peptide competition abolishes this staining (b). No primary antibody (c) shows no signal. All scale bars are 10  $\mu$ m. DAPI (blue) was used to stain nuclei.