Supplementary Figure S1. Validation of a polyclonal antiserum directed against bestrophin. Preincubation of antibody with extracts of Cos7 cells expressing recombinant bestrophin results in decreased basolateral labeling (A) as compared with preincubation with untransfected Cos7 extracts (B). The major band labeled on Western blot from porcine RPE-choroid (C) is of the same molecular weight as the major band labeled by monoclonal antibody E6-6, described previously. The estimated molecular weight of this protein based on Rf was 65kDa. The polyclonal antibody also recognizes a series of bands corresponding to a number of putative start sites in the same reading frame as the peptide sequences that the antibody targets. Only minimal cross reaction was observed in untransfected Cos7 cells.