β- or γ-ENaC antibodies showed high specificity without any cross-reactivity between individual subunits in Western blot experiments. Arrows indicate the specific band sizes. Characteristic band sizes were shown for all subunits, which are in good agreement with previous studies. Bands were detected at 96 kDa (unglycosylated) and 110 kDa (glycosylated) for β-ENaC. The γ-ENaC antibody showed bands at 87 kDa (full-length) and additionally at ~75 kDa when all subunits were expressed together, indicating cleavage of γ-ENaC by the endogenous furin convertase in the extracellular domain near to the M1- transmembrane domain upon expression of the complete channel (Rossier B. and Stutts M.J., Ann Rev Physiol 2009, 71:16.1-16.19). Bands with a three-fold higher molecular mass were seen which might be caused by the formation of SDS-resistant monomeric trimers. No bands were seen in untransfected cells. Protein expression of all subunits was confirmed by the expression of the HA epitope on each subunit.