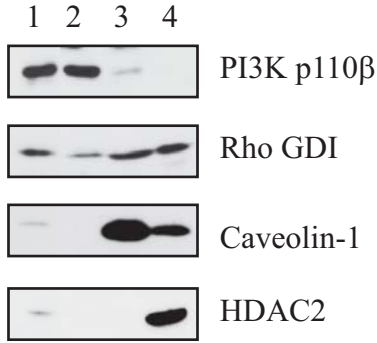

Supplemental Figure 2. Western Blot Analysis of Fractionation Procedure in the Absence of DEX. Cell lysates were fractionated using differential centrifugation as outlined in Supplemental Figure 1. Lane 1: whole cell lysate, Lane 2: soluble cytoplasmic fraction, Lane 3: membrane-associated fraction, Lane 4: nuclear fraction. The cytosolic protein marker PI3K p110β is found mainly in the soluble cytoplasmic fraction (Lane 2) with very little in the membrane-associated fraction (Lane 3). The membrane protein marker caveolin-1 was predominantly found in the membrane-associated fraction (Lane 3). As expected, Rho GDI was found found in both the cytoplasmic and membrane-associated fractions. The nuclear marker HDAC2 is only seen in the nuclear fraction (Lane 4). Some caveolin-1 and Rho GDI was also found in the nuclear fraction. For the caveolin-1 blot, the gel was loaded with 2.5 μg of protein per lane. For the PI3K p110β blot, the gel was loaded with 5 μg of protein per lane. For the Rho GDI or HDAC blot, the gel was loaded with 10 μg of protein per lane. Protein levels were determined using a BCA assay. Primary antibodies used were PI3K p110β (Abcam pAb ab32569, 1:500), Rho GDI (Millipore pAb 06-730, 1:2000), caveolin-1 (Abcam pAb ab2910, 1:2000) and HDAC2 (Santa Cruz pAb sc-7899, 1:1000).