



**Supplementary Figure 5. Co-immunoprecipitation analysis of Rab27b in transfected cells.** HA-tagged Rab27b Thr23Asn (mimics the GDP-bound form) was co-expressed with EGFP-tagged Rab27b Thr23Asn or Rab27b wild type (WT) in COS7 cells (lanes 1, 2). Alternatively, HA-Rab27b WT was co-expressed with EGFP-tagged Rab27b Thr23Asn or Rab27b WT (lanes 3, 4). HA-granuphilin (Grp-N: 1-300) was used as a positive control (lane 5). The expression levels of HA-Rab27b, HA-granuphilin, or EGFP-Rab27b in each cell extract were determined by immunoblotting with anti-HA (upper panel) and anti-GFP antibodies (middle panel). Co-immunoprecipitates of anti-HA antibodies were analyzed by immunoblotting with anti-GFP antibodies (lower panel).