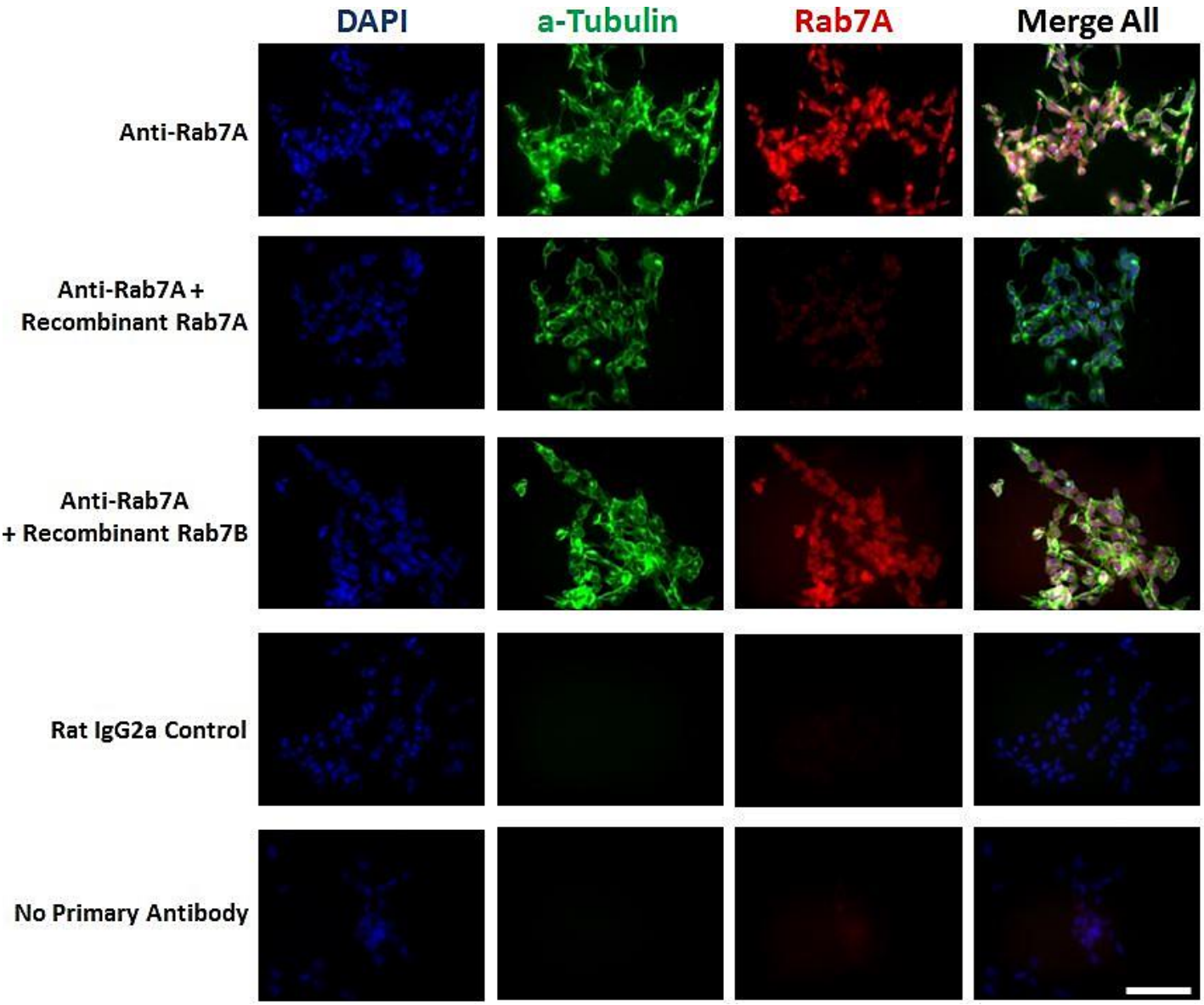
Purified anti-Rab7A Antibody



ICC staining of SH-SY5Y neuroblastoma cells using anti-Rab7A antibody (clone W16034A), isotype-matched rat IgG2a control, or no primary antibody. The cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100, and blocked with 2% normal goat serum and 0.02% BSA. The anti-Rab7A antibody (5 µg/ml) was pre-incubated with or without recombinant human Rab7A or Rab7B proteins (5 µg/ml) for 1 hour at room temperature prior to application to the cells for 24 hours at 4°C. The cells were co-stained with anti-α-Tubulin antibody (5 µg/ml; clone AA13), followed by incubation with Alexa Fluor® 594 anti-Rat (Rab7A, red) and Alexa Fluor® 488 anti-mouse (α-Tubulin, green) secondary antibodies for 1 hour at room temperature. Nuclei were counterstained with DAPI. Images were captured with a 40X objective. Scale bar: 100 µm

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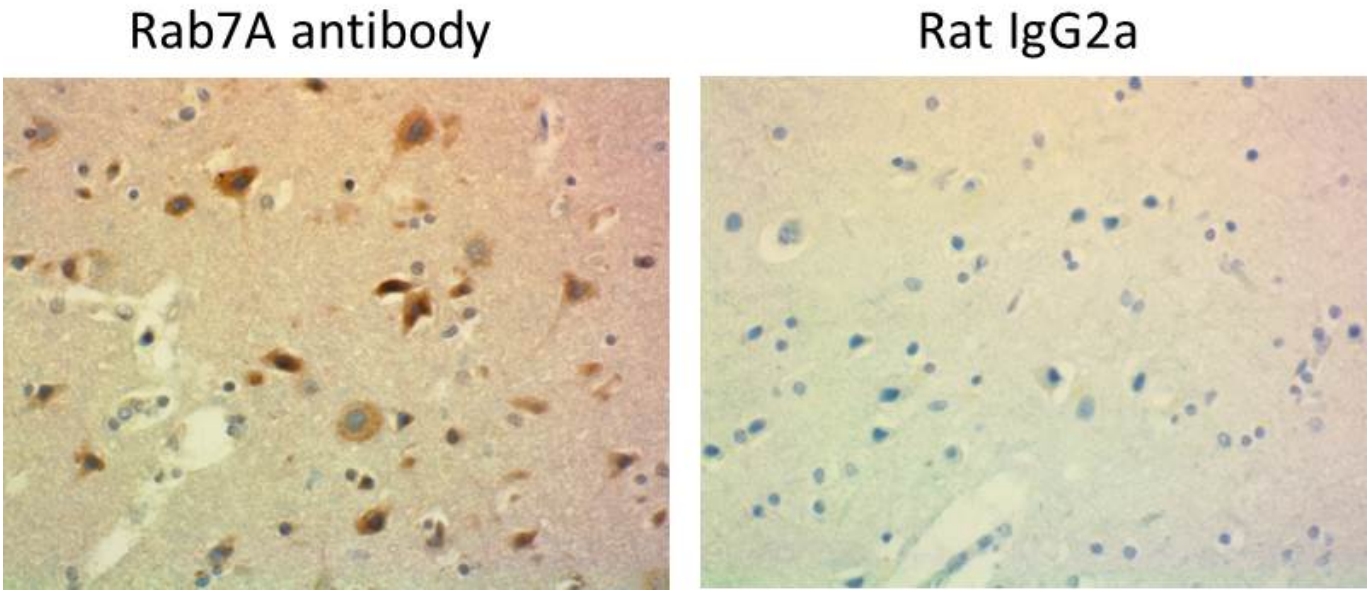

IHC staining of anti-Rab7A antibody (clone W16034A) on formalin-fixed paraffin-embedded normal human brain tissue. Following antigen retrieval using Sodium Citrate H.I.E.R, the tissue was incubated with the primary antibody at 5 µg/ml overnight at 4°C. Tissues were incubated with DAB for twenty minutes followed by hematoxylin counterstaining. Images were taken using 40X objectives.