Figure 1

- **On all membranes, protein bands were visualized using enhanced chemiluminescence method by exposure to Hyperfilm ECL.**

Figure 1C, detected with mouse anti-OPA1, 1:1,000

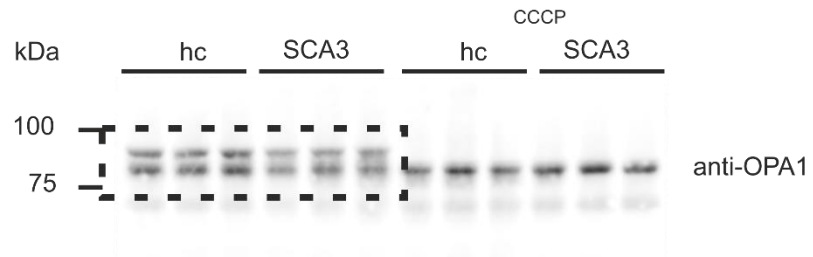


Figure 1C, detected with mouse anti-ACTB for OPA1 blot, 1:5,000

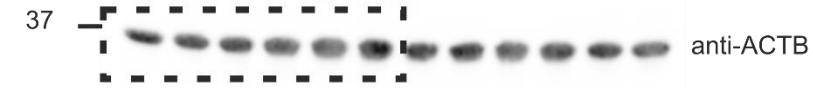


Figure 1C, detected with rabbit anti-MFN2, 1:2,000



Figure 1C, detected with mouse anti-ACTB for MFN2 blot, 1:5,000

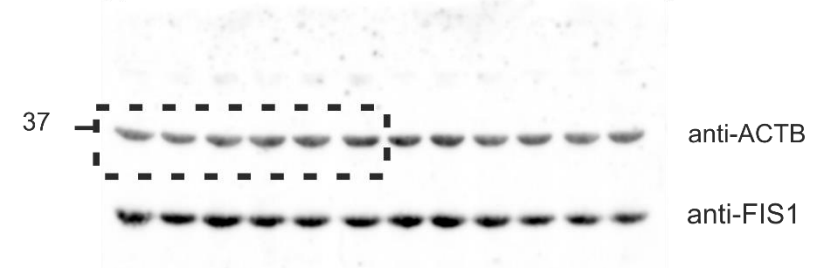


Figure 1C, detected with rabbit anti-FIS1, 1:2,000



Figure 1C, detected with mouse anti-TUBA for FIS1 blot, 1:5,000

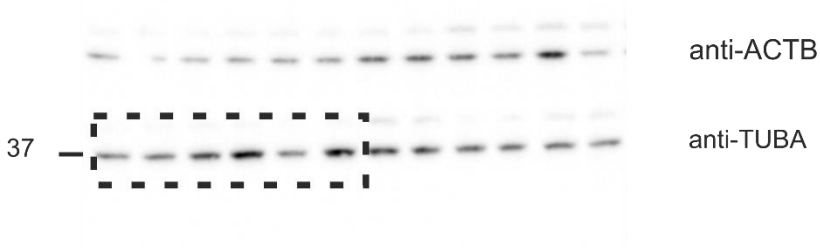
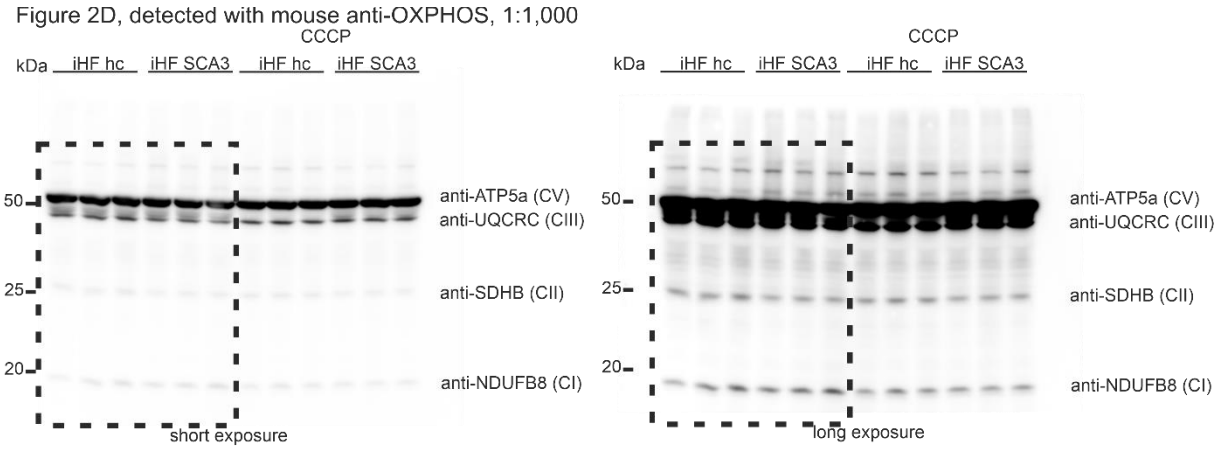


Figure 2:

- **On all membranes, protein bands were visualized using enhanced chemiluminescence method by exposure to Hyperfilm ECL.**



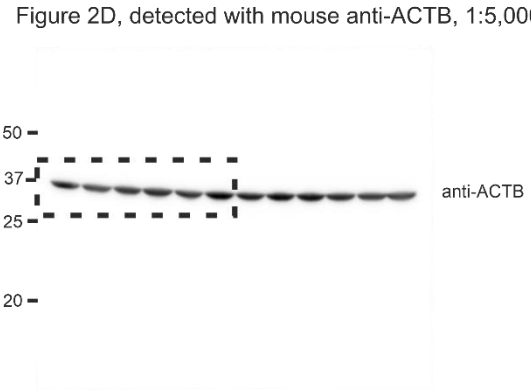


Figure 3:

- **Control = positive control for parkin expression**
- **On all membranes, fluorescence signals were visualized by Licor Fc Odyssey.**

Figure 3A, detected with rabbit anti-CS, 1:1,000

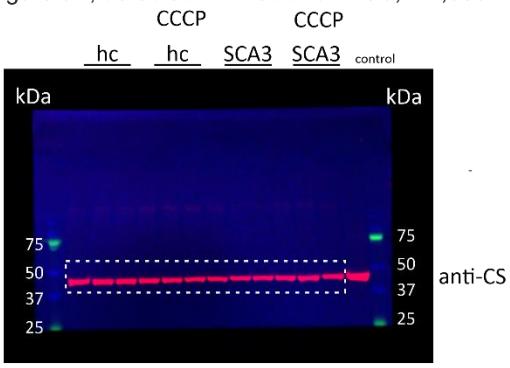


Figure 3A, detected with rabbit anti-parkin, 1:200

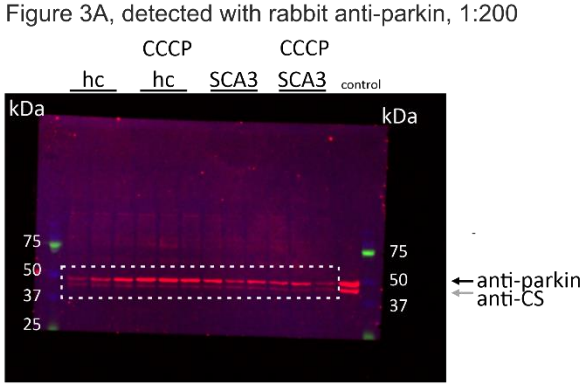


Figure 3A, detected with mouse anti-ACTB, 1:10,000

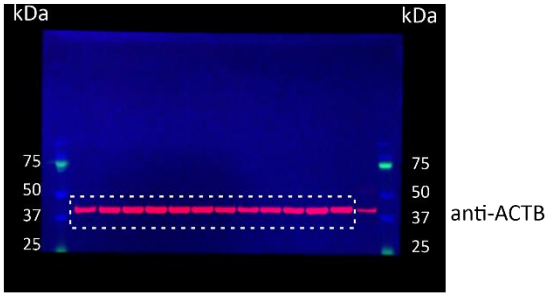


Figure 3A, detected with mouse anti-Pink1, 1:500

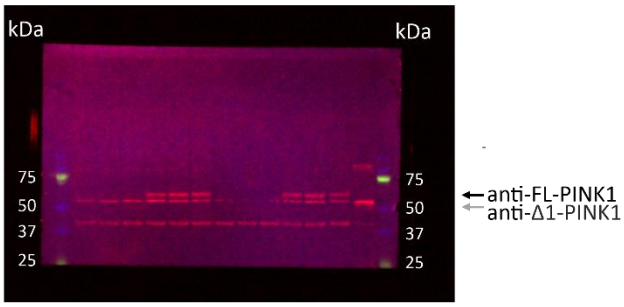


Figure 3A, detected with mouse anti-TOM20, 1:5,000

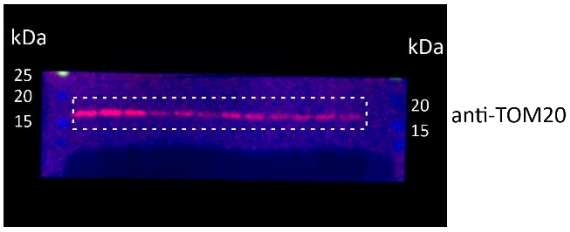


Figure 4:

- **On all membranes, protein bands were visualized using enhanced chemiluminescence method by exposure to Hyperfilm ECL.**

Figure 4A, detected with rabbit anti-VDAC1, 1:10,000

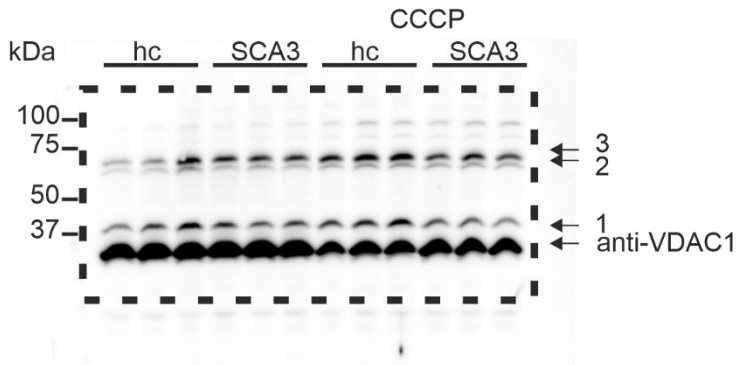


Figure 4A, detected with rabbit anti-ACTB, 1:5,000

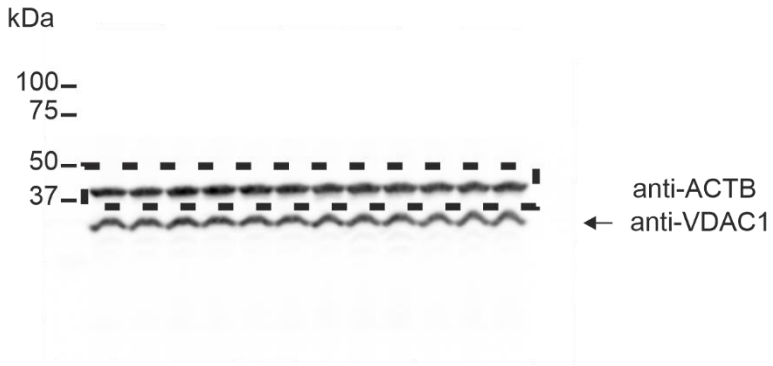


Figure 5

- **On all membranes, fluorescence signals were visualized by Licor Fc Odyssey.**

Figure 5A, detected with rabbit anti-VDAC1, 1:10,000

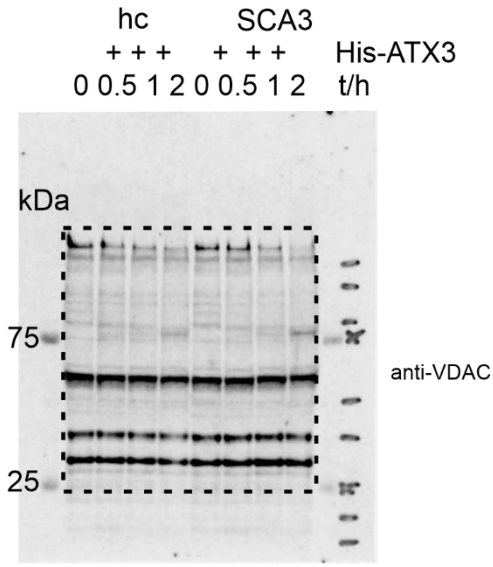


Figure 5E, detected with mouse anti-p53, 1:500

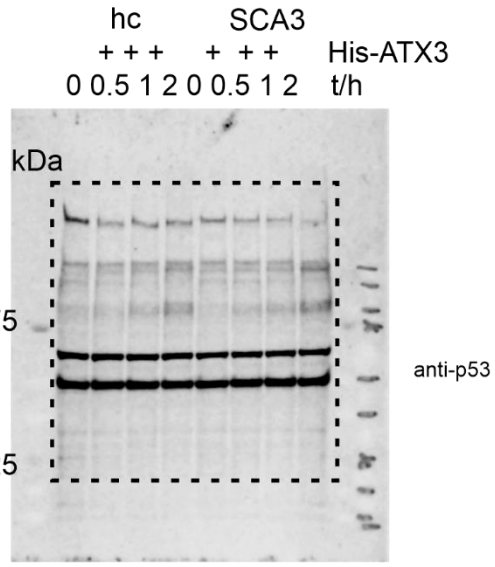


Figure 5F, detected with rabbit anti-K63-pUb, 1:500

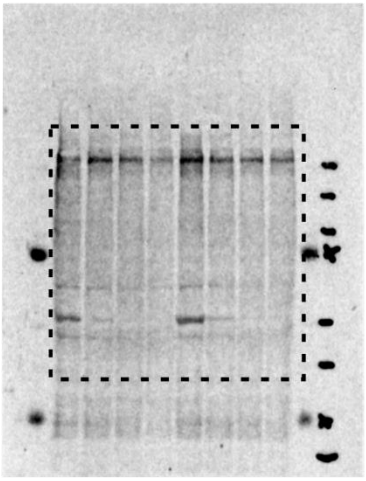


Figure 5G, Ponceau staining

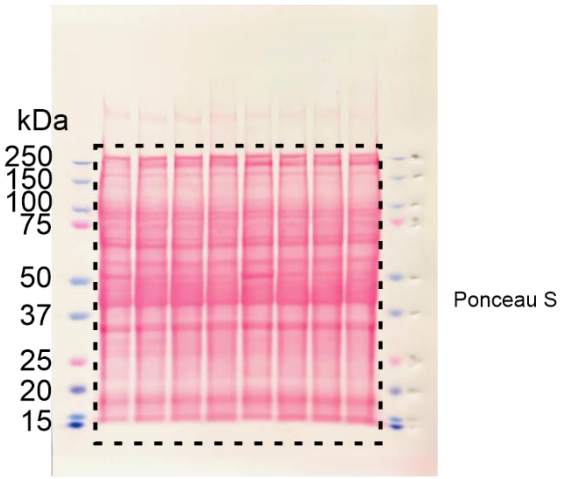


Figure 5F, detected with mouse anti-ATXN3, 1:4,000

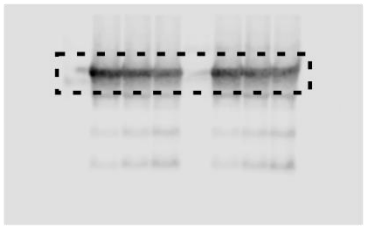


Figure 5F, detected with mouse anti-GAPDH, 1:2,000

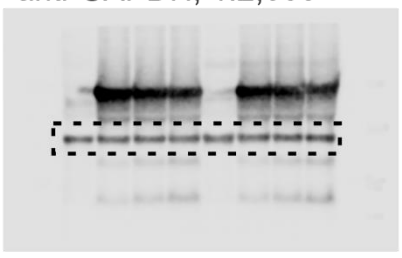


Figure 6

- **On all membranes, protein bands were visualized using enhanced chemiluminescence method by exposure to Hyperfilm ECL.**

Figure 6A, detected with rabbit anti-p62, 1:1,000

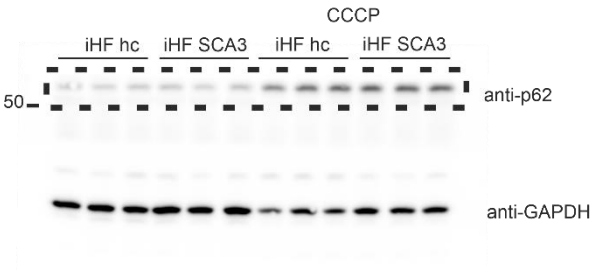


Figure 6A, detected with mouse anti-LC3, 1:100

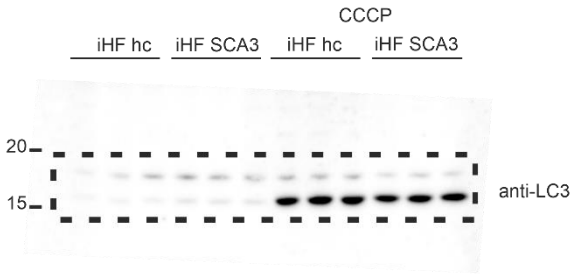


Figure 6A, detected with mouse anti-TUBA, 1:5,000

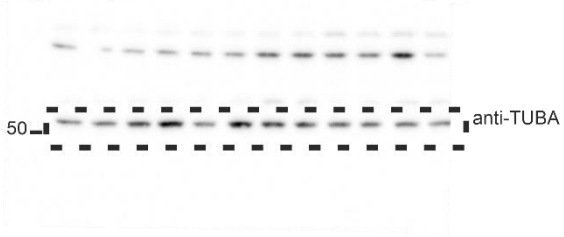


Figure 6A, detected with mouse anti-GAPDH, 1:2,000

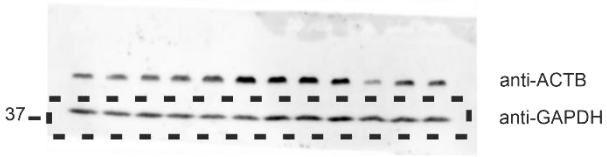


Figure 8:

- **For all membranes, fluorescence signals were visualized by Licor Fc Odyssey.**

Figure 8A, detected with rabbit anti-parkin, 1:200

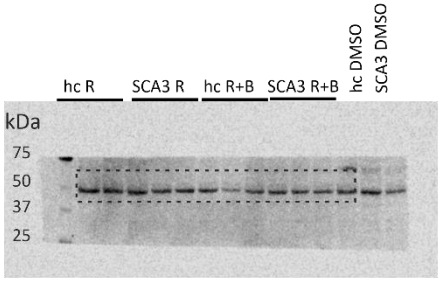


Figure 8A, detected with mouse anti-Pink1, 1:500

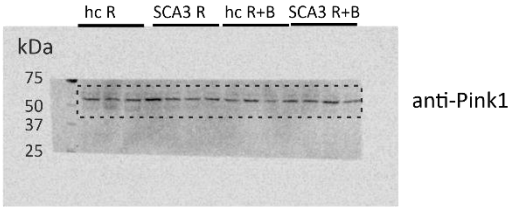


Figure 8A, detected with mouse anti-ACTB 1:10,000

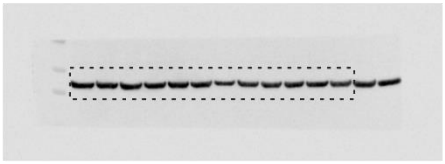


Figure 8A, detected with rabbit anti-p62, 1:1,000

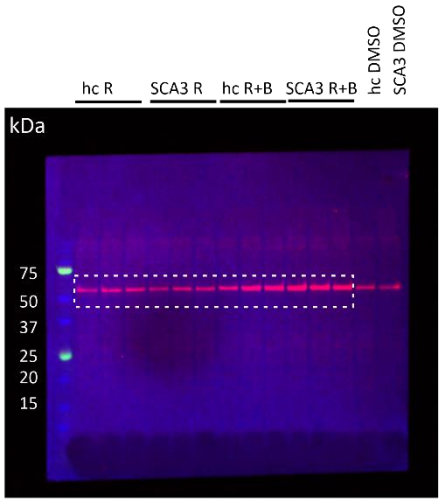


Figure 8A, detected with rabbit anti-CA, 1:1,000

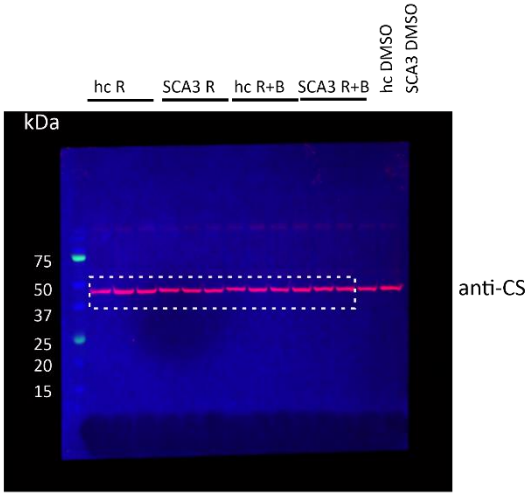


Figure 8A, detected with mouse anti-LC3, 1:100

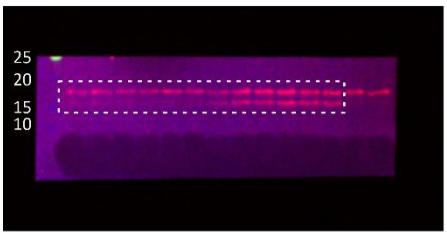


Figure 8A, detected with mouse anti-ACTB, 1:10,000

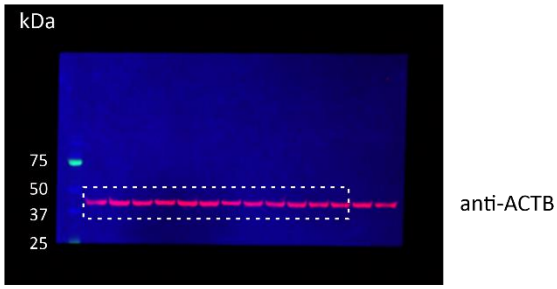


Figure A3: Supplement

- **For VDAC and the respective ACTB, protein bands were visualized using enhanced chemiluminescence method by exposure to Hyperfilm ECL. CS, parkin, PINK1 and the respective ACTB, fluorescence signals were visualized by Licor Fc Odyssey.**

Figure A3A Supplement, detected with rabbit anti-CS, 1:1,000

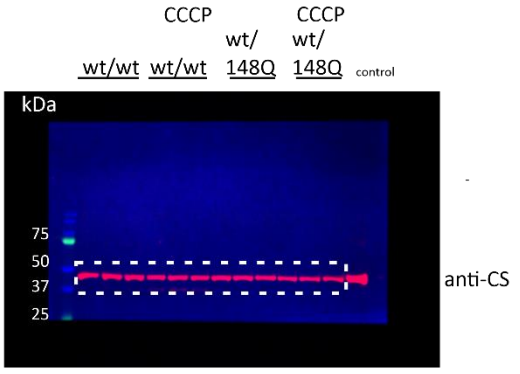


Figure A3A Supplement, detected with rabbit anti-parkin, 1:200

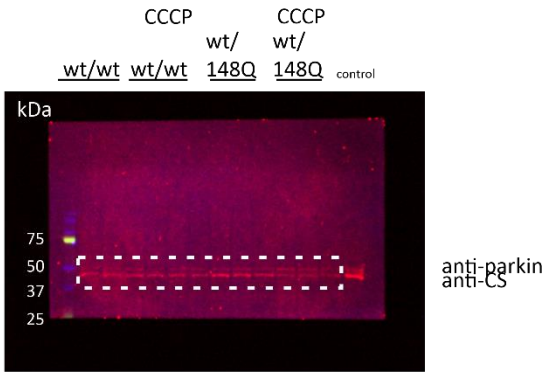


Figure A3A Supplement, detected with mouse anti-ACTB, 1:10,000

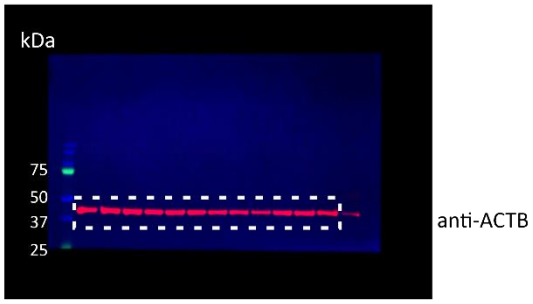


Figure A3A Supplement, detected with mouse anti-parkin, 1:500

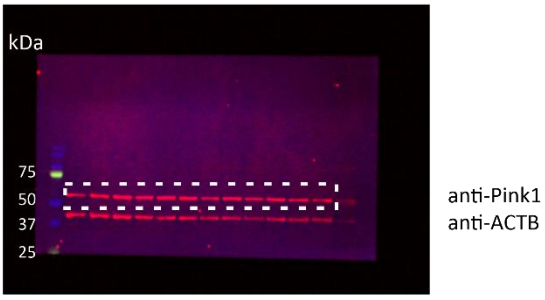


Figure A3D Supplement, detected with rabbit anti-VDAC1, 1:10,000

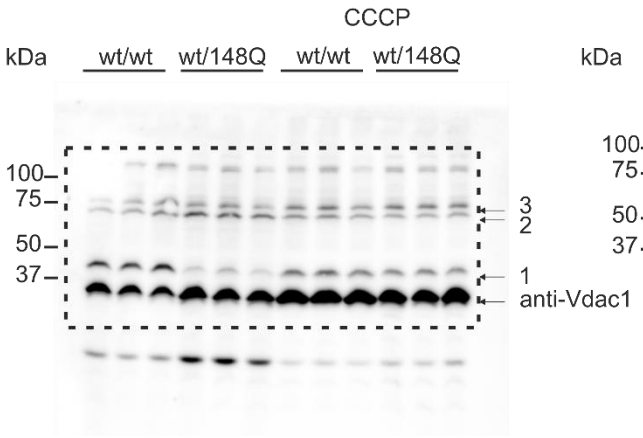


Figure A3D Supplement, detected with mouse anti-ACTB, 1:5,000

