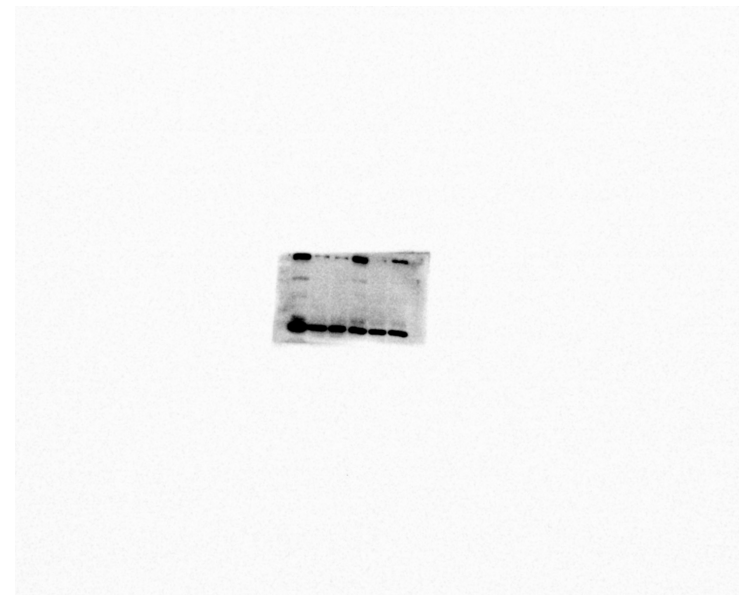
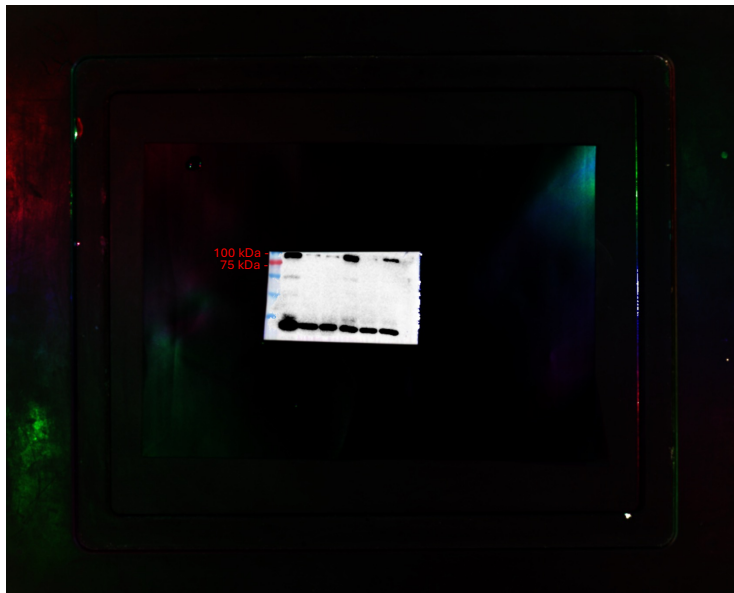


Note:

- The red and blue fluorescent signals observed in the ladder image are instrument-related acquisition artifacts generated by the Azure imaging system during detection and do not represent sample-derived signals.
- Please note that image acquisition with the Azure image system allows for the adjustment of background noise using the so-called “gamma exposure” option. These adjustments affected only the display settings (LUT) and did not modify the raw 16-bit image data. This is what can be seen in the image on the right.
- The ladder signal is then acquired in bright field. In this condition, all the noise eliminated with the “gamma exposure” option is lost (left image).
- Please note that quantification does not depend on image modifications made with the “gamma exposure” option.

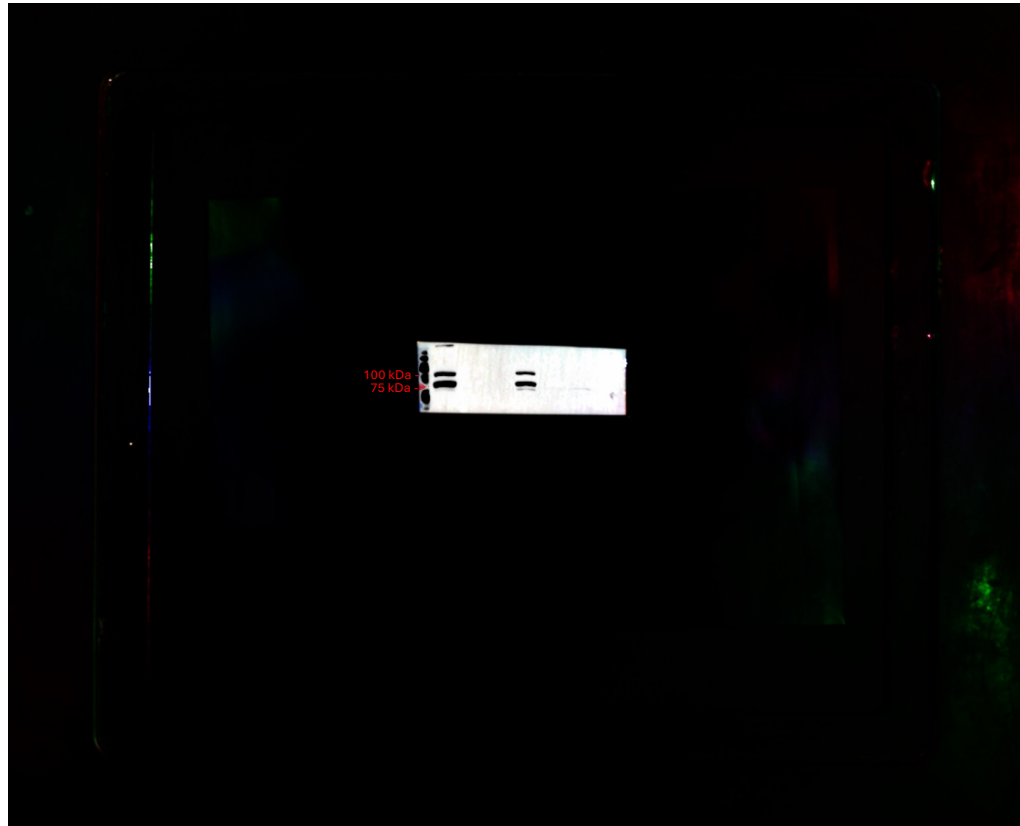
MFN1 $\approx$ mw 83 kDa fig 3



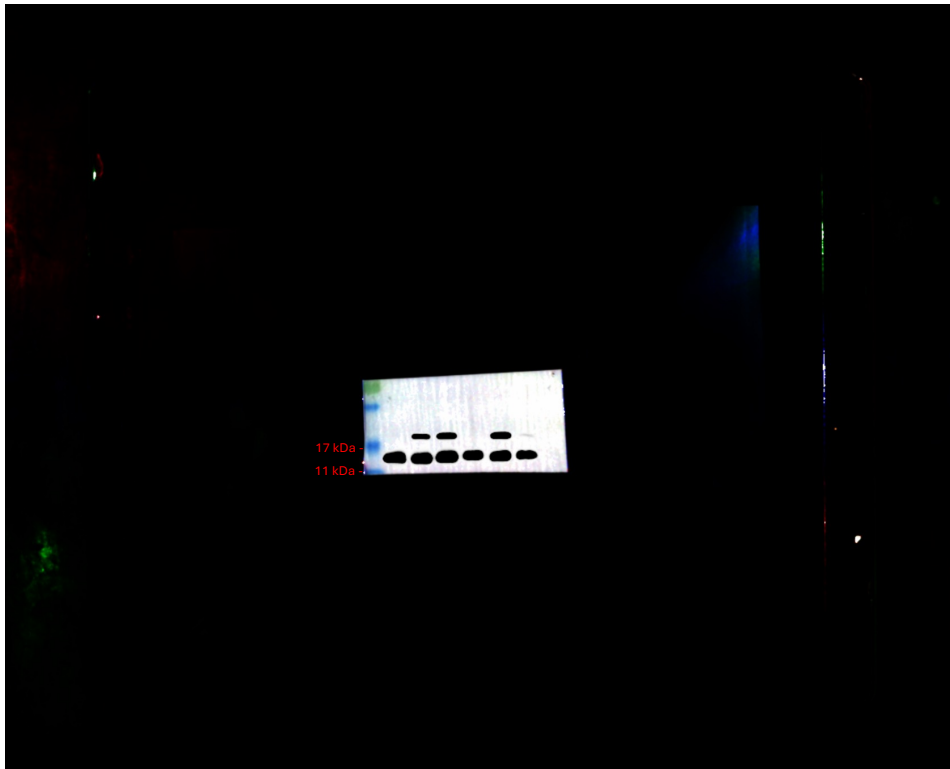
MFN2 $\approx$ mw 86 fig 3



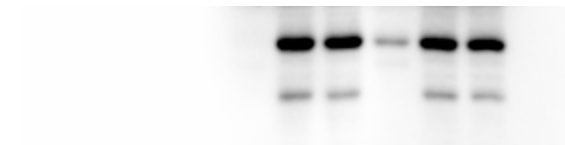
DRP1 $\approx$ mw 82 fig 3



FIS1 $\approx$ mw 16 fig 3

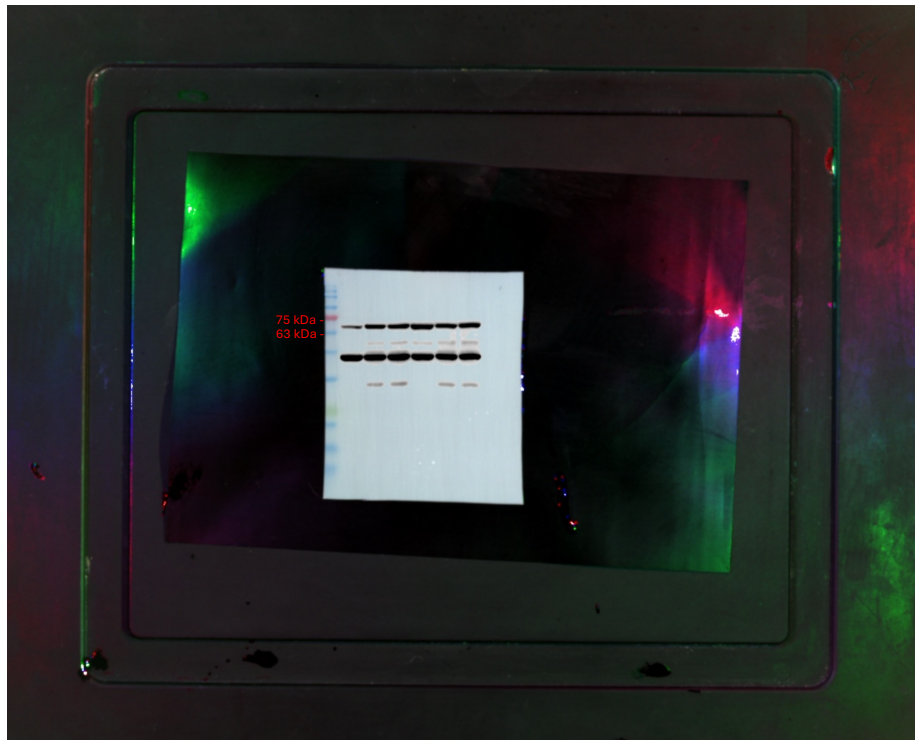


COX1 $\approx$ mw 37 fig 3

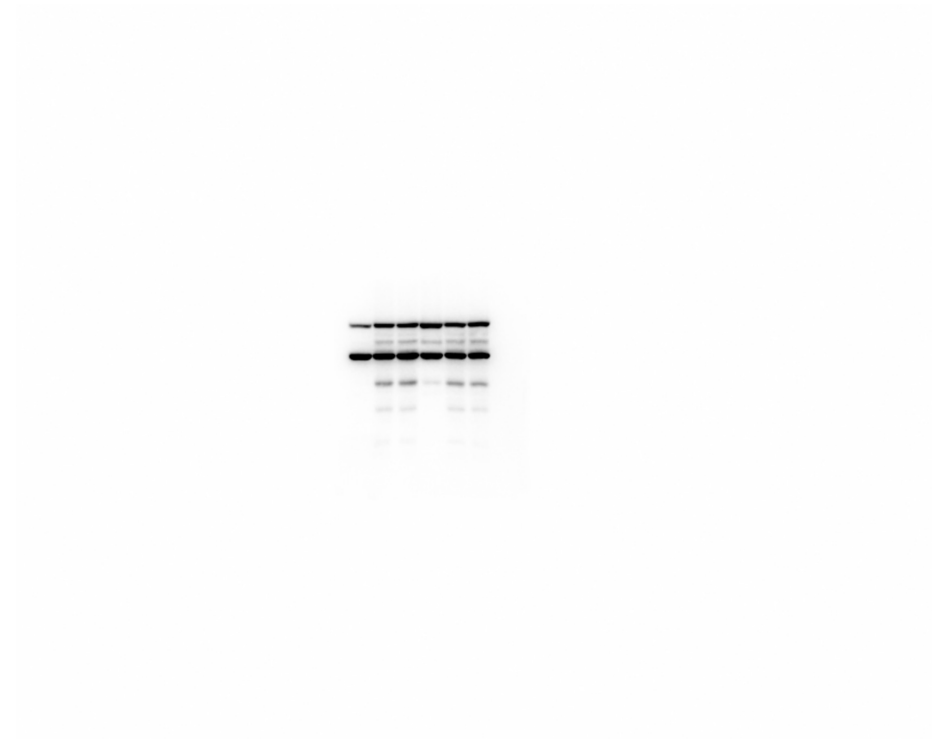


The acquisition was carried out using a selected region of interest (ROI) with the system configured for selective area exposure; consequently, the resulting image appears cropped. In this way also low signal can be acquired.

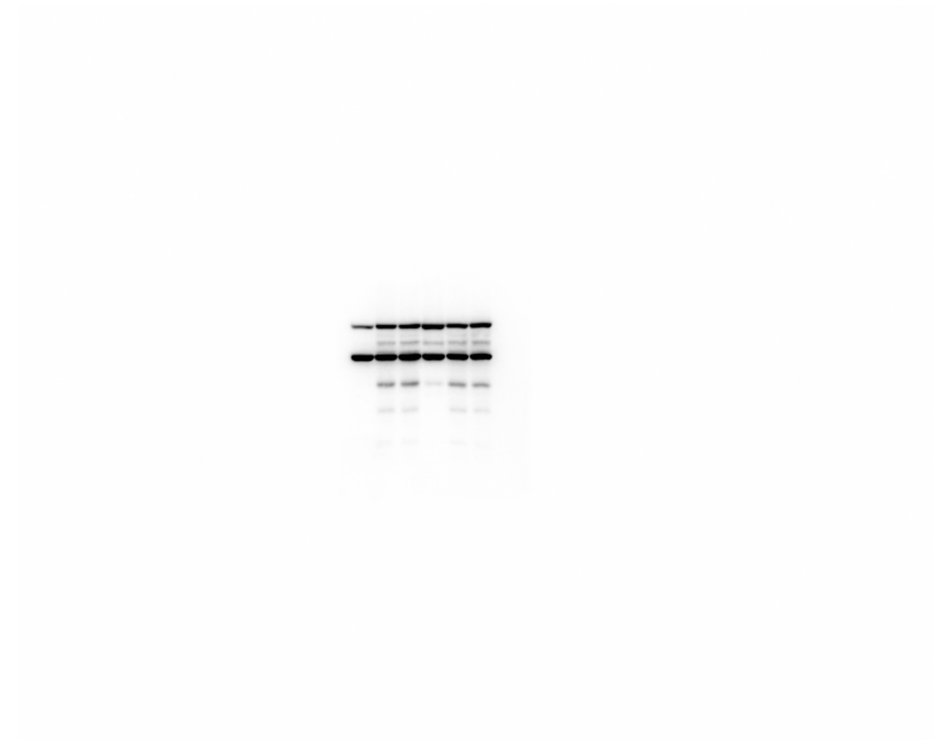
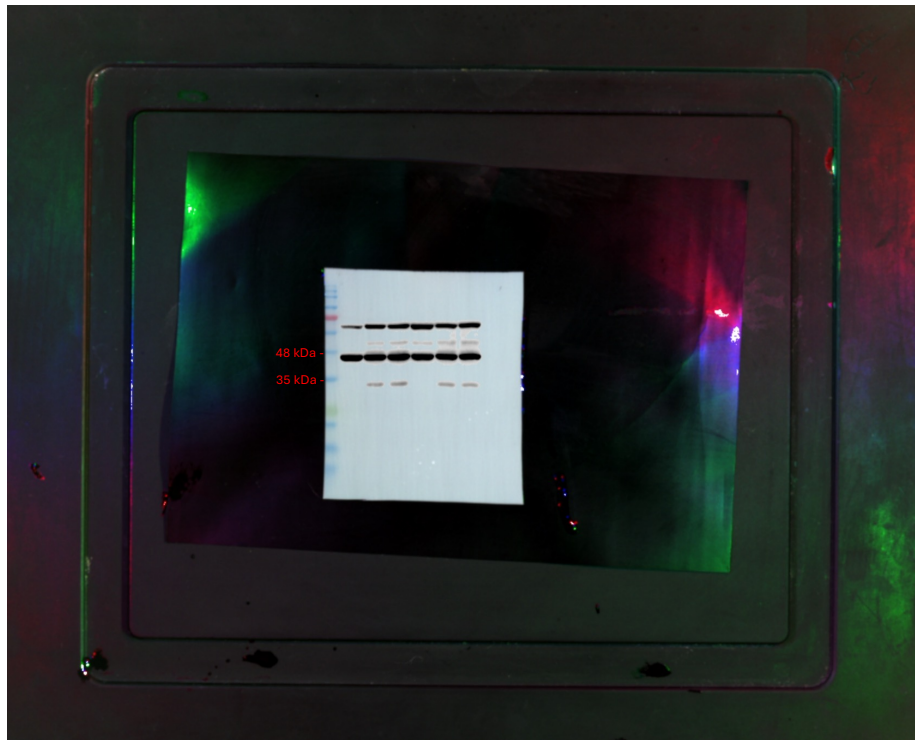
SDHA $\approx$ mw 70 fig 3



Multiple bands can be observed because the ab123545 MitoBiogenesis™ Western Blot Cocktail was used, allowing the simultaneous detection of SDHA, β -Actin, and COX1.



Beta Actin $\approx$ mw 42 fig 3

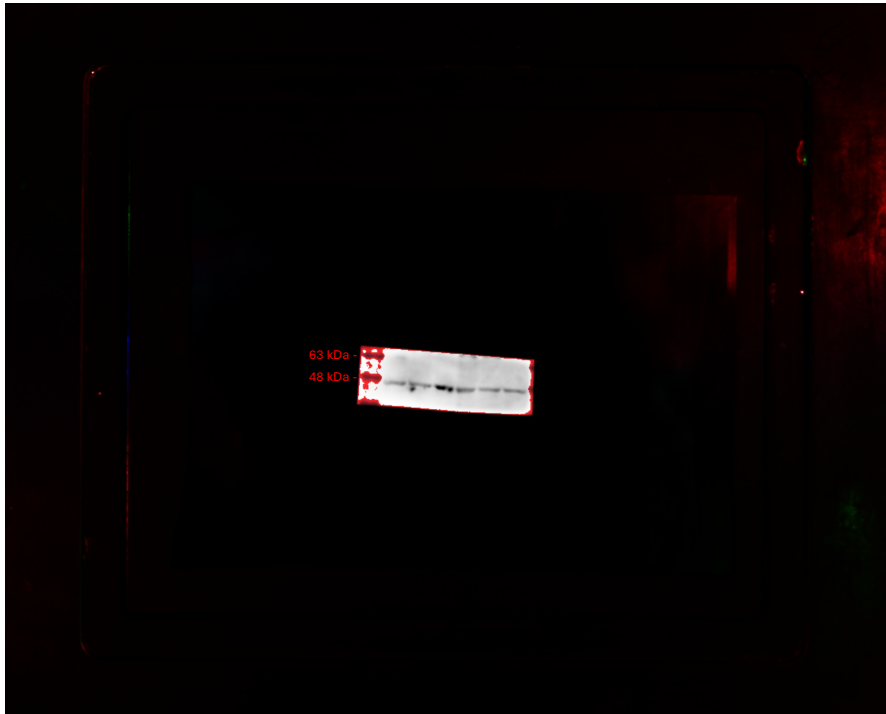


Multiple bands can be observed because the ab123545 MitoBiogenesis™ Western Blot Cocktail was used, allowing the simultaneous detection of SDHA, β -Actin, and COX1.

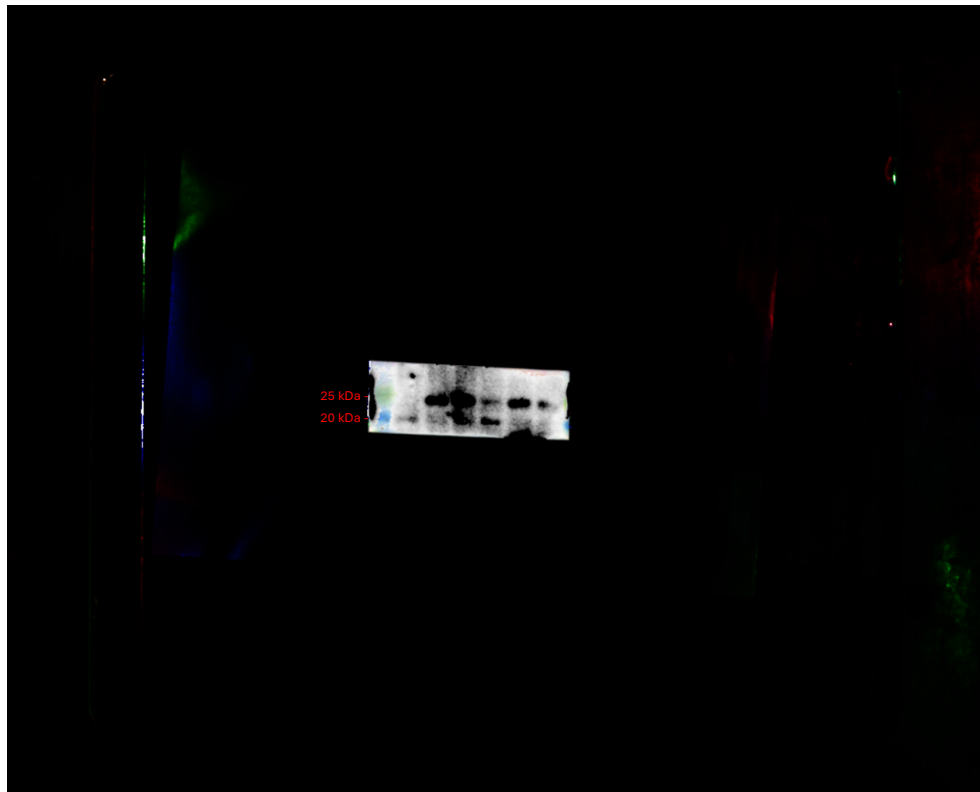
RB1 $\approx$ mw 110 fig 4



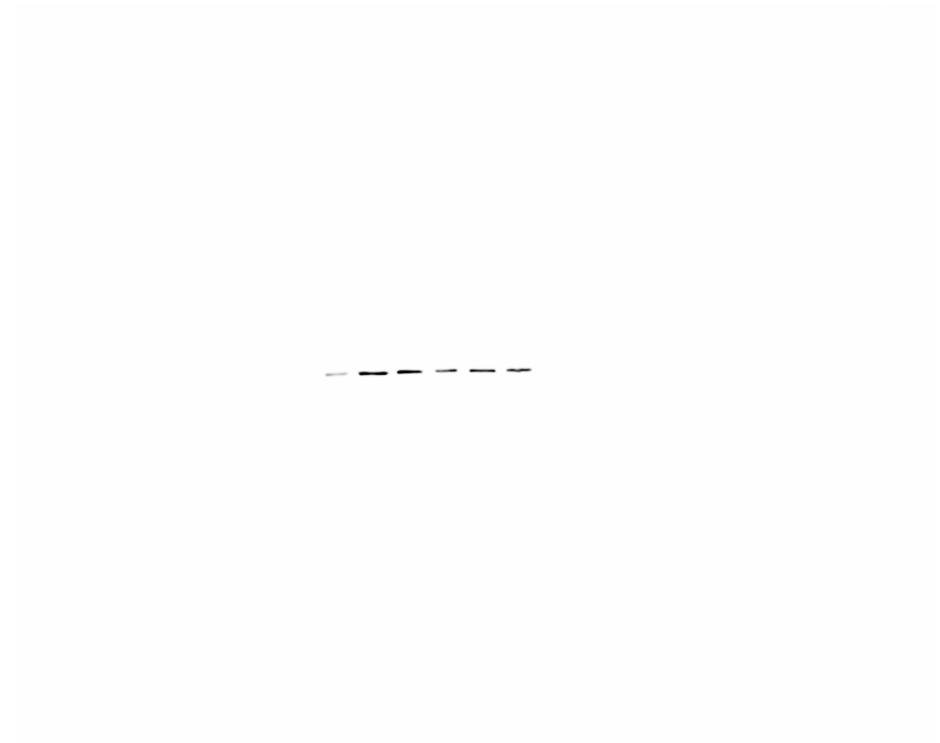
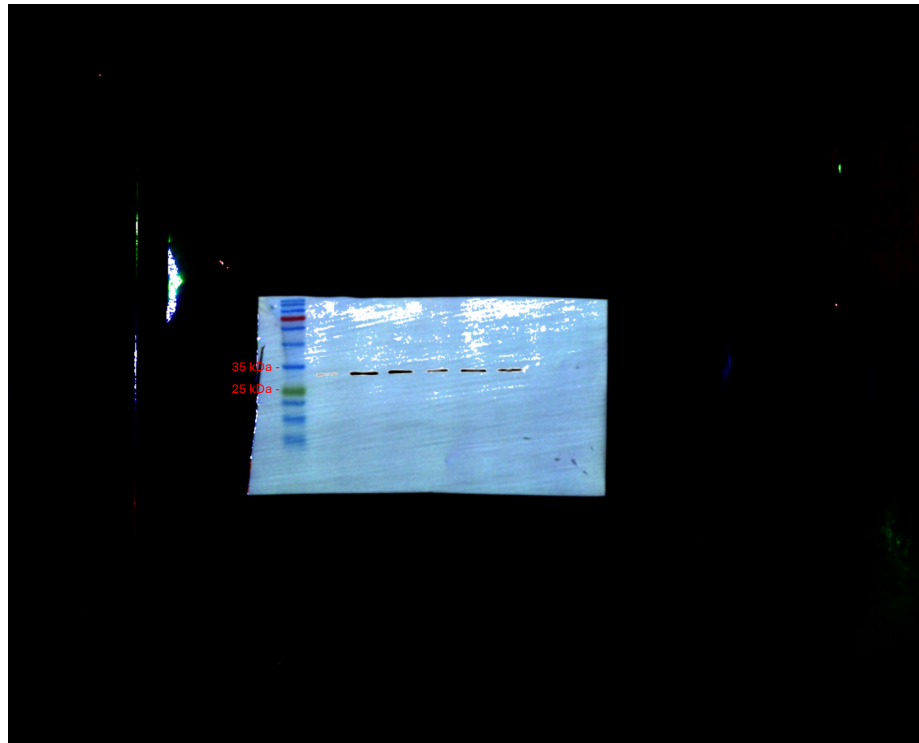
p53 $\approx$ mw 53 kDa fig 4



p21 $\approx$ mw 21 fig 4



p16 $\approx$ mw 16/32 fig 4



Beta Actin $\approx$ mw 42 fig 4

