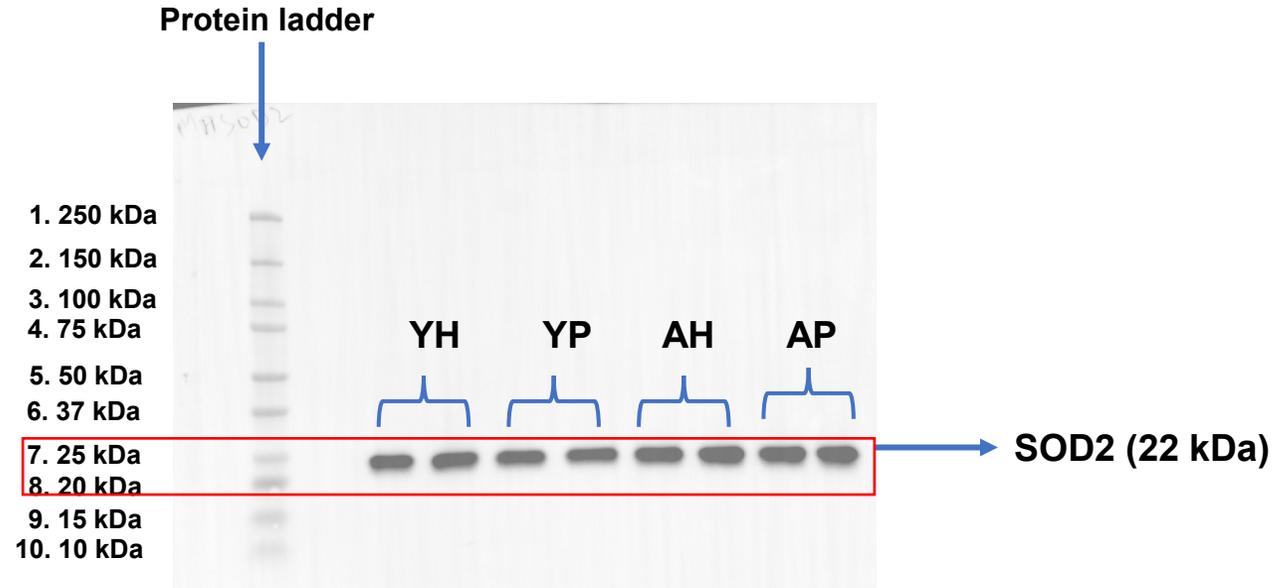


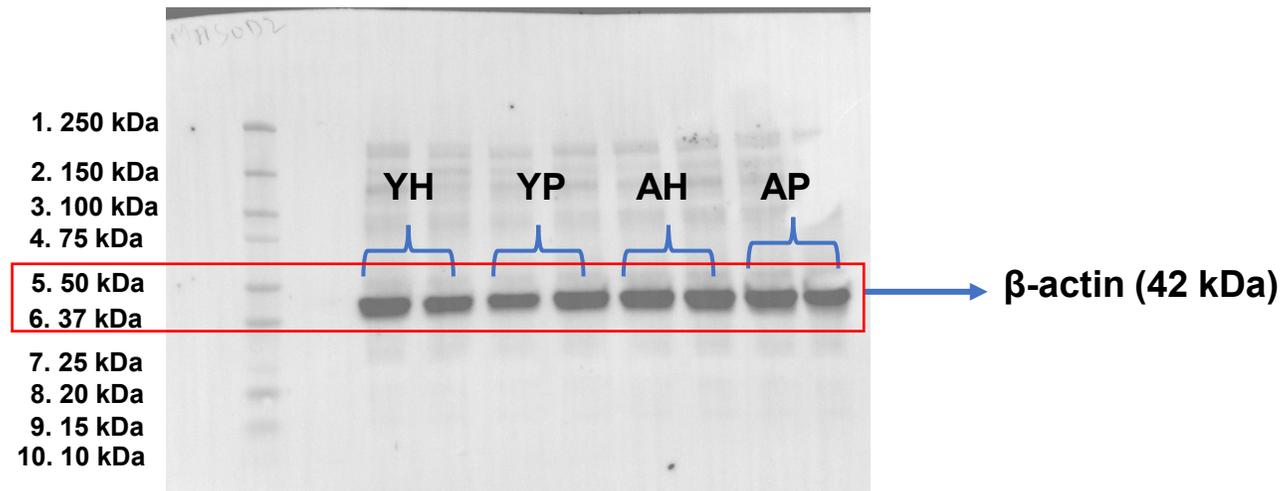
Full unedited blot /gel for Figure 2B

Blot-5 (12-21-2024) Used as representative image in the manuscript for Figure 2B

Bio-rad ChemiDoc™ MP imaging system

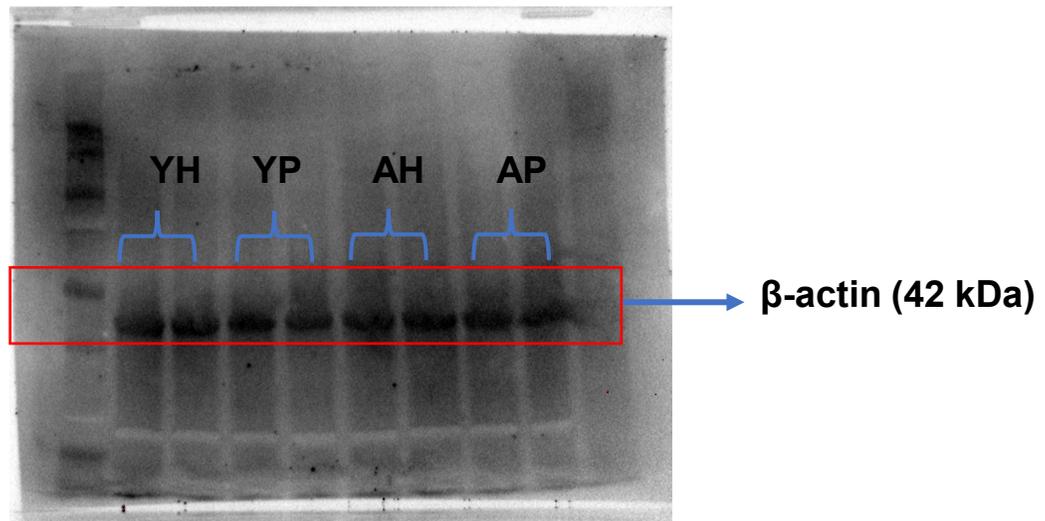
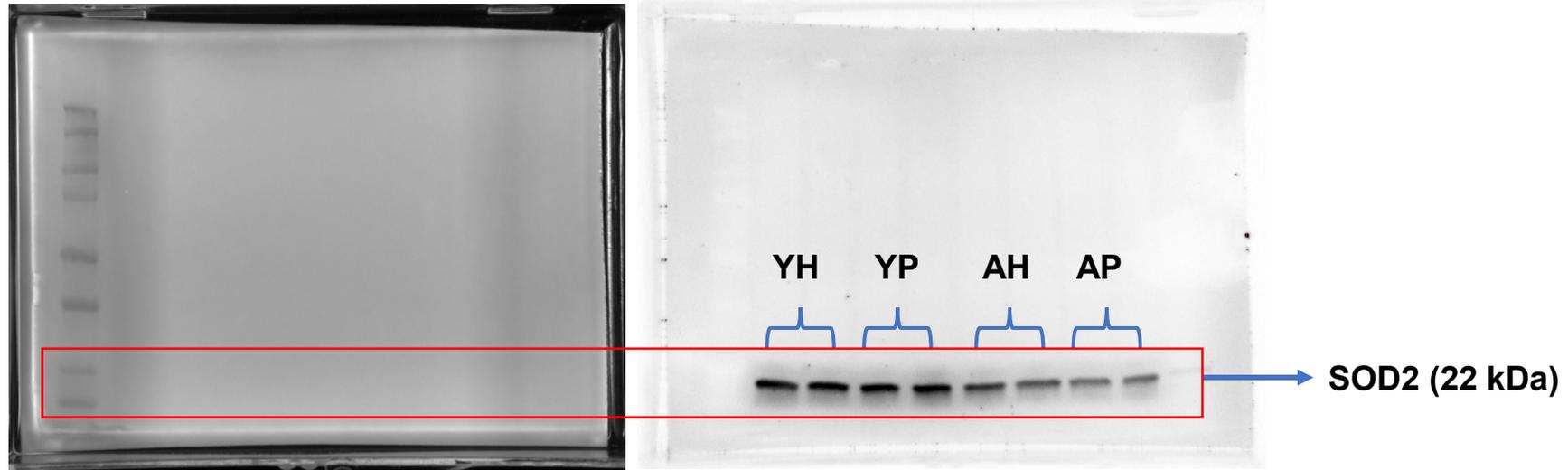


YH= Young Healthy
YP= Young Prediabetic
AH= Aged Healthy
AP= Aged Prediabetic

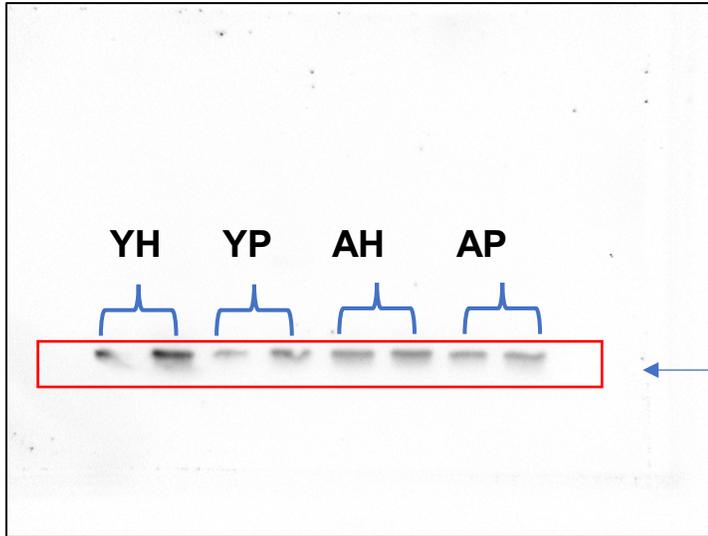


Blot-4 (8-28-2022)

Bio-rad ChemiDoc XRS+ System

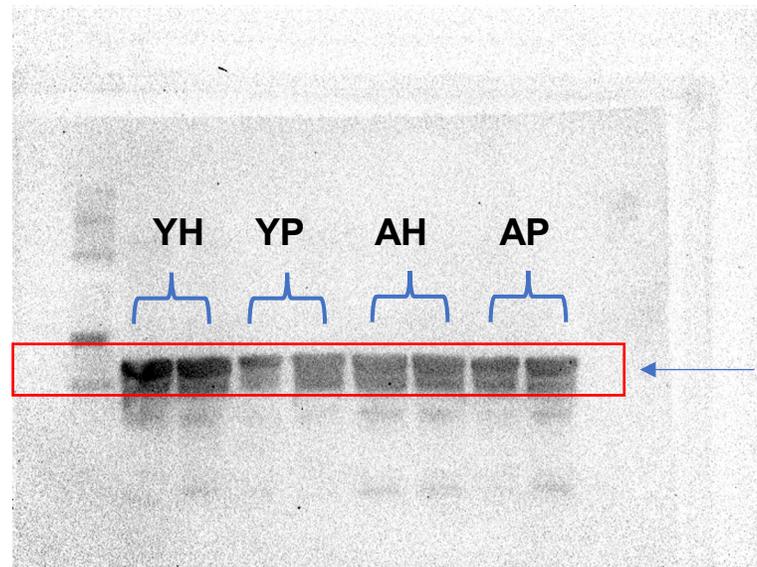


Blot-3 (8-14-2022)
Bio-rad ChemiDoc XRS+ System



YH= Young Healthy
YP= Young Prediabetic
AH= Aged Healthy
AP= Aged Prediabetic

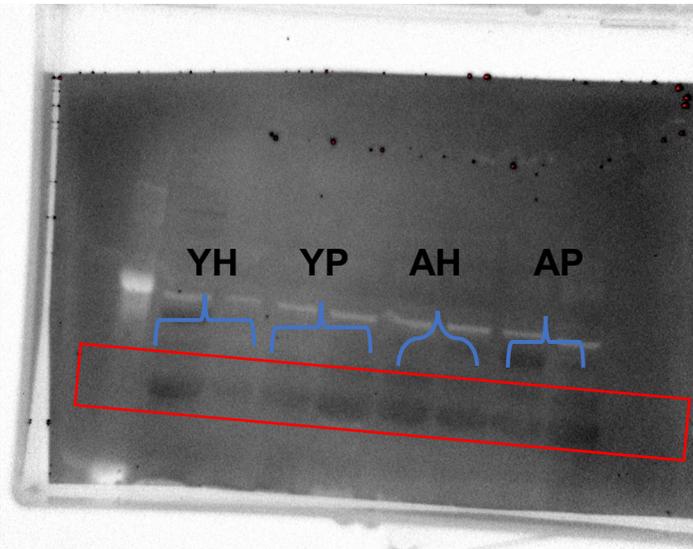
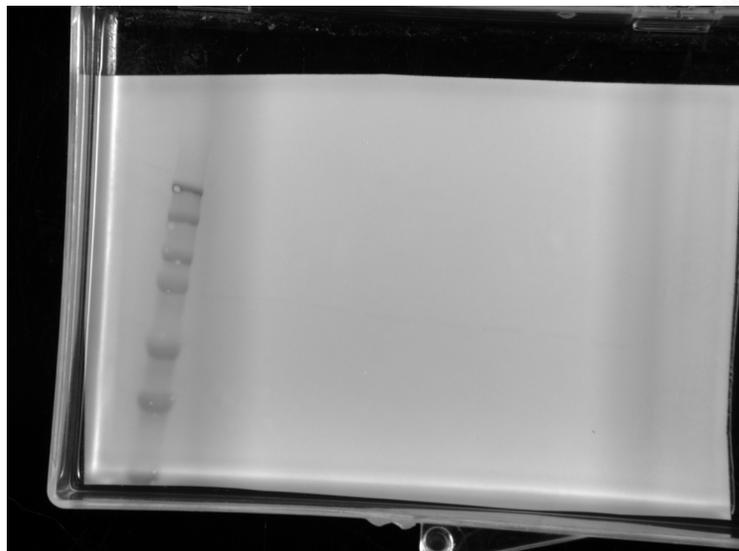
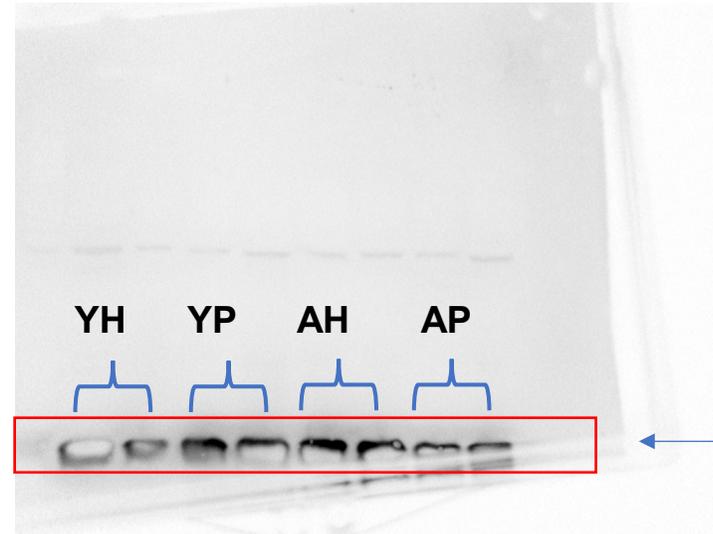
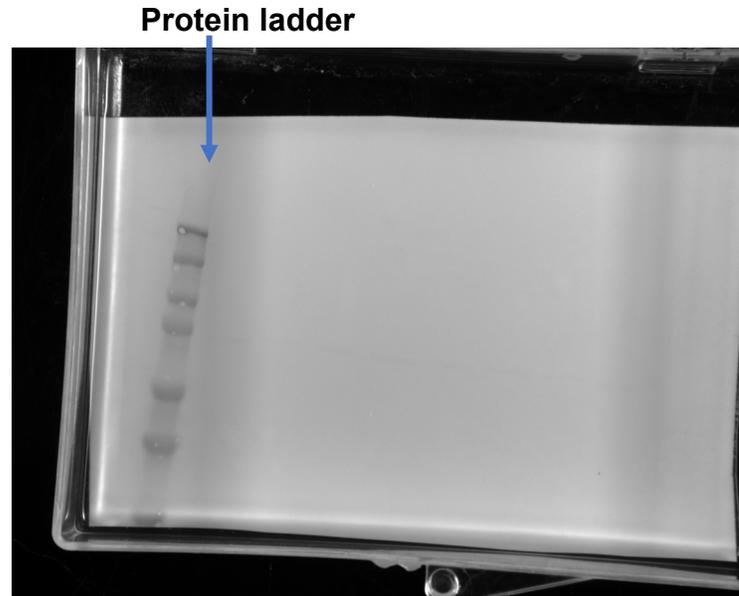
SOD2 (22 kDa)



β-actin (42 kDa)

Blot-2 (7-30-2022)
Bio-rad ChemiDoc XRS+ System

YH= Young Healthy
YP= Young Prediabetic
AH= Aged Healthy
AP= Aged Prediabetic

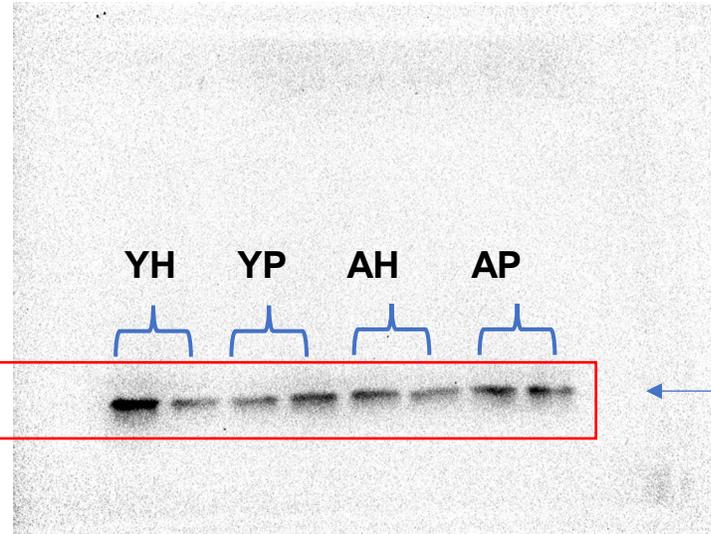
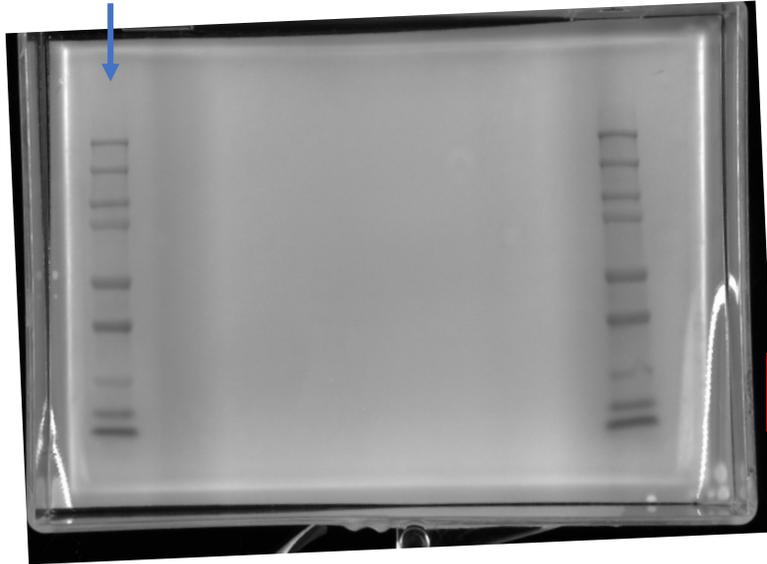


Blot-1 (6-29-2022)

Bio-rad ChemiDoc XRS+System

Protein ladder

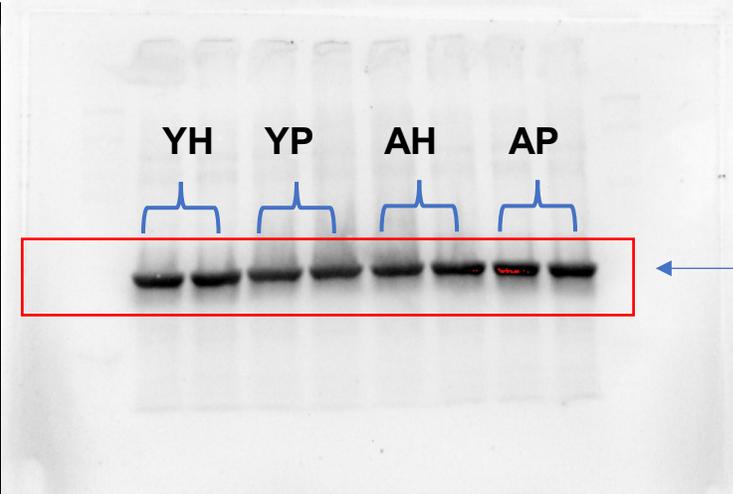
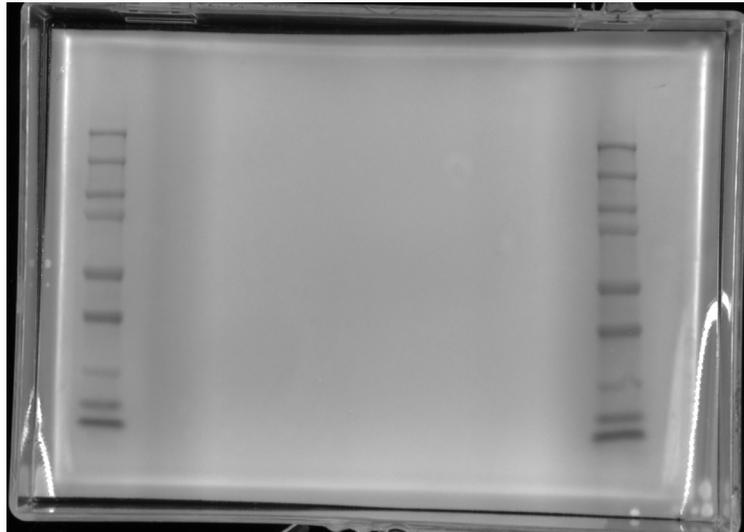
- 1. 250 kDa
- 2. 150 kDa
- 3. 100 kDa
- 4. 75 kDa
- 5. 50 kDa
- 6. 37 kDa
- 7. 25 kDa
- 8. 20 kDa
- 9. 15 kDa



YH= Young Healthy
YP= Young Prediabetic
AH= Aged Healthy
AP= Aged Prediabetic

SOD2 (22 kDa)

- 1. 250 kDa
- 2. 150 kDa
- 3. 100 kDa
- 4. 75 kDa
- 5. 50 kDa
- 6. 37 kDa
- 7. 25 kDa
- 8. 20 kDa
- 9. 15 kDa



β -actin (42 kDa)