



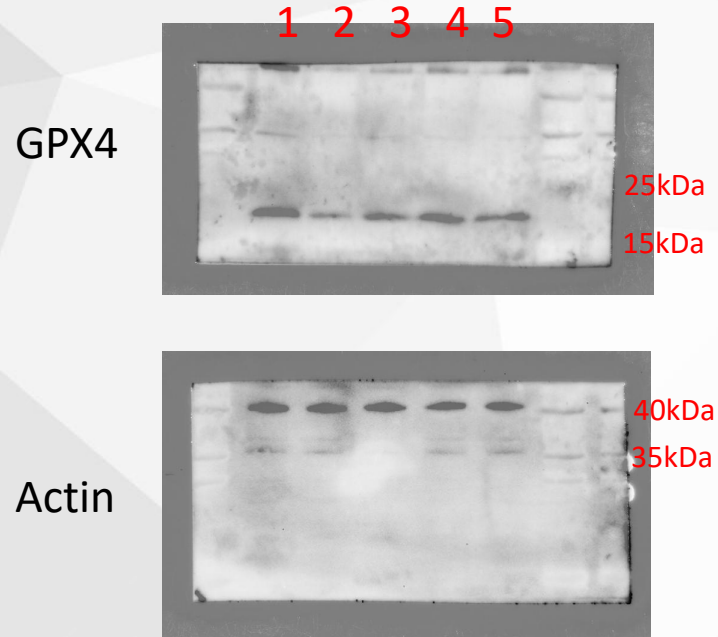
The full uncropped Blots image(s)

Fig 1H: Uncropped western blot images



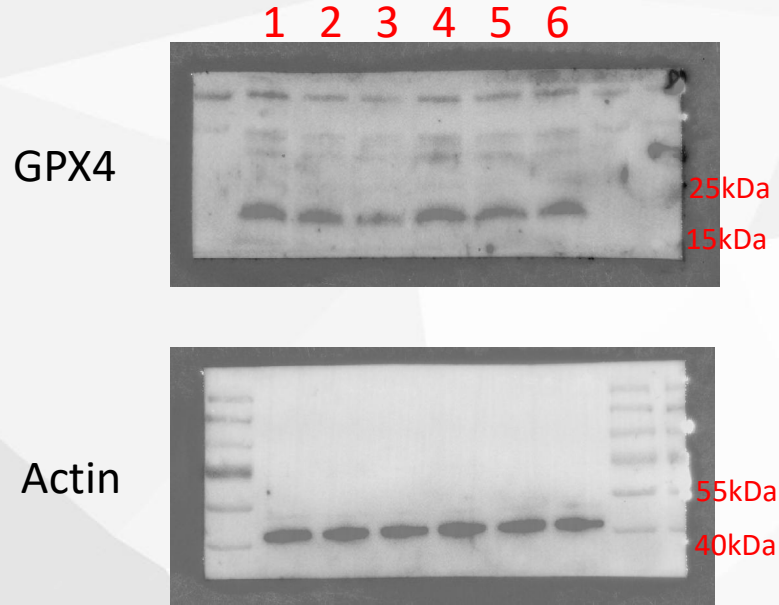
Lanes 1–5: Control, Erastin, Erastin + 4MC (10 μ M), Erastin + 4MC (40 μ M), and Erastin + Fer-1 (1 μ M).

Fig 2A: Uncropped western blot images



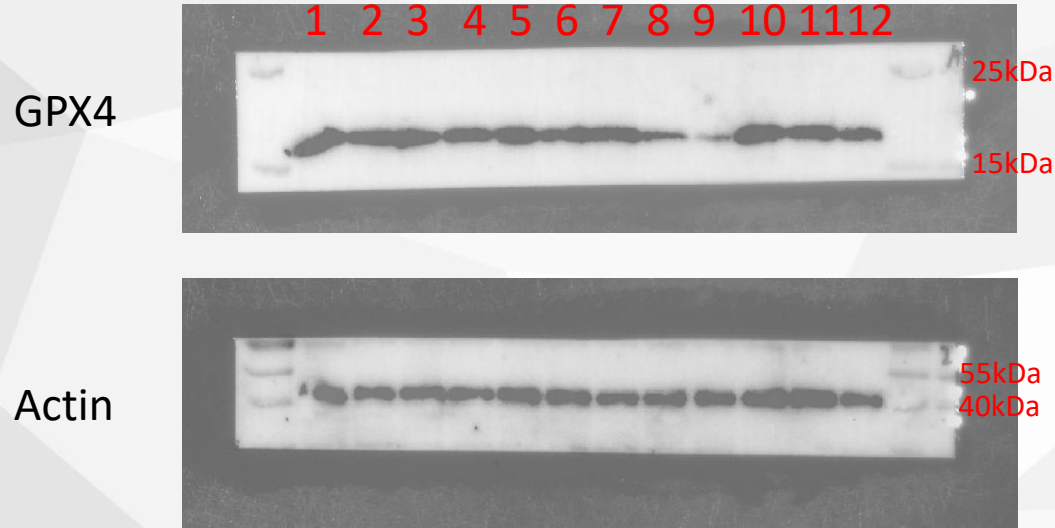
Lanes 1–5: Control; Erastin; Erastin + 4MC (10 μ M); Erastin + 4MC (40 μ M); Erastin + Fer-1 (1 μ M).

Fig 2K:Uncropped western blot images



Lanes 1–6: (1-3) BSO treatment for 0, 12, and 24 h without 4MC; (4-6) followed by BSO treatment for 0, 12, and 24 h in the presence of 4MC (40 μ M).

Fig 2O:Uncropped western blot images



Lanes 1–3: CHX for 0, 12, and 24 h, respectively

Lanes 4–6: CHX for 0, 12, and 24 h with 4MC (40 μ M), respectively

Lanes 7–9: CHX for 0, 12, and 24 h with erastin , respectively

Lanes 10–12: CHX for 0, 12, and 24 h with erastin and 4MC (40 μ M), respectively

Fig 3B:Uncropped western blot images

Lane 1: Erastin, 0 h
Lane 2: Erastin, 24 h
Lane 3: MG132, erastin 0 h
Lane 4: MG132, erastin 24 h
Lane 5: CQ, erastin 0 h
Lane 6: CQ, erastin 24 h
Lane 7: Baf A1, erastin 0 h
Lane 8: Baf A1, erastin 24 h

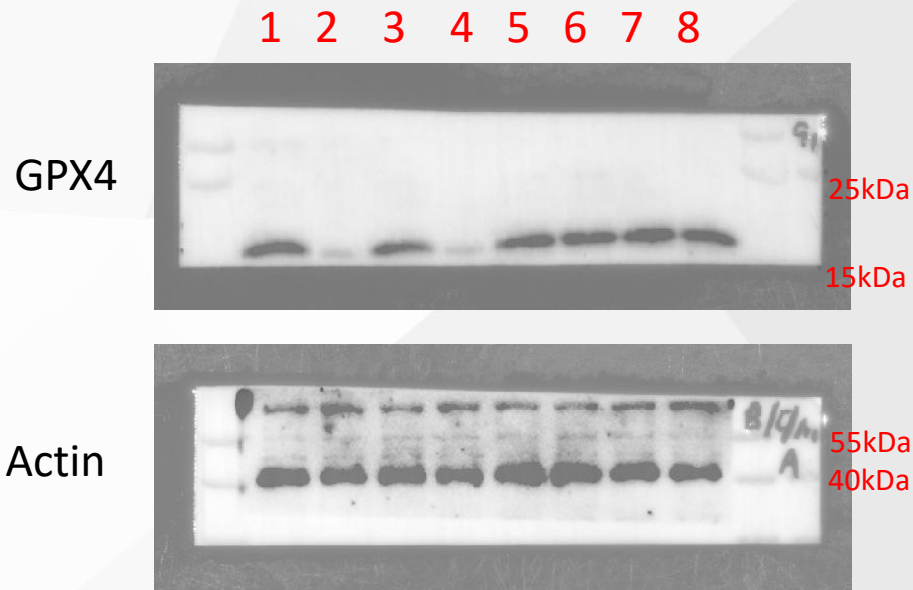
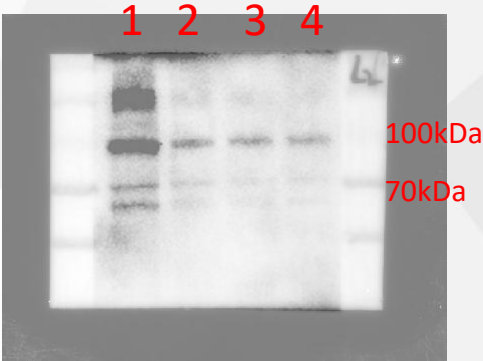


Fig 3D:Uncropped western blot images

Lane 1: siNC
Lane 2: siLAMP2A #1
Lane 3: siLAMP2A #2
Lane 4: siLAMP2A #3

Lamp 2A



Actin

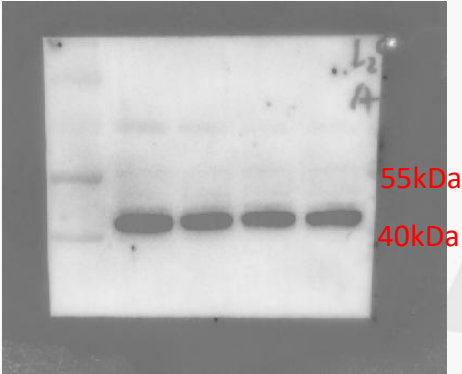
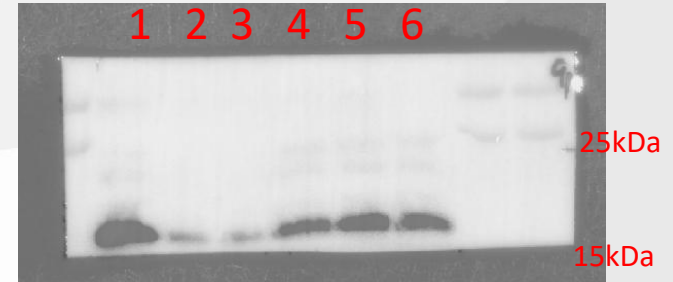


Fig 3E:Uncropped western blot images

Lane 1: Control
Lane 2: Erastin
Lane 3: Erastin + siNC
Lane 4: Erastin + siLAMP2A #1
Lane 5: Erastin + siLAMP2A #2
Lane 6: Erastin + siLAMP2A #3

GPX4



Actin

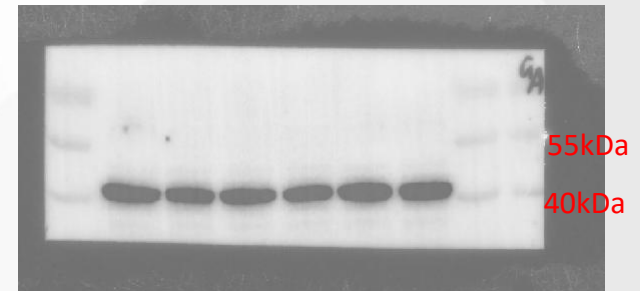
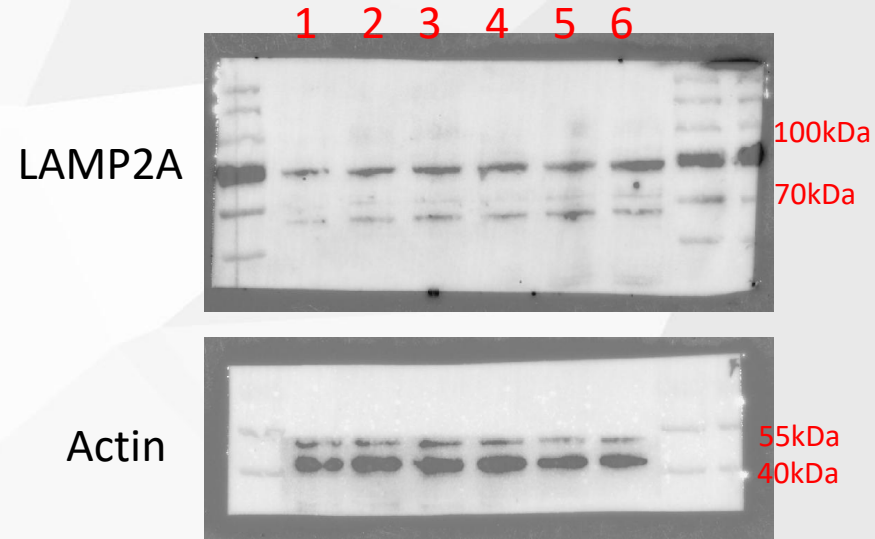
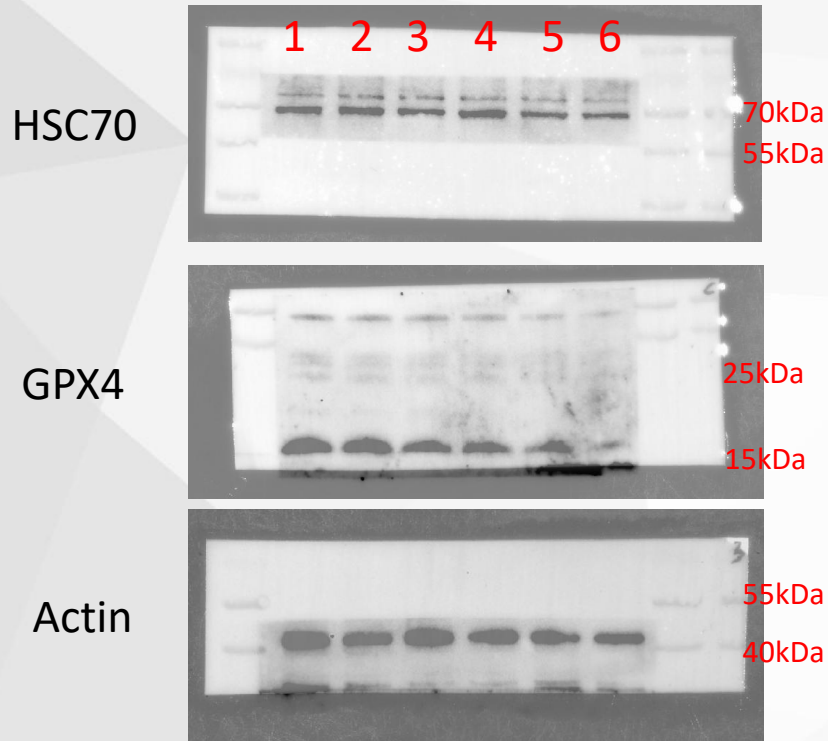
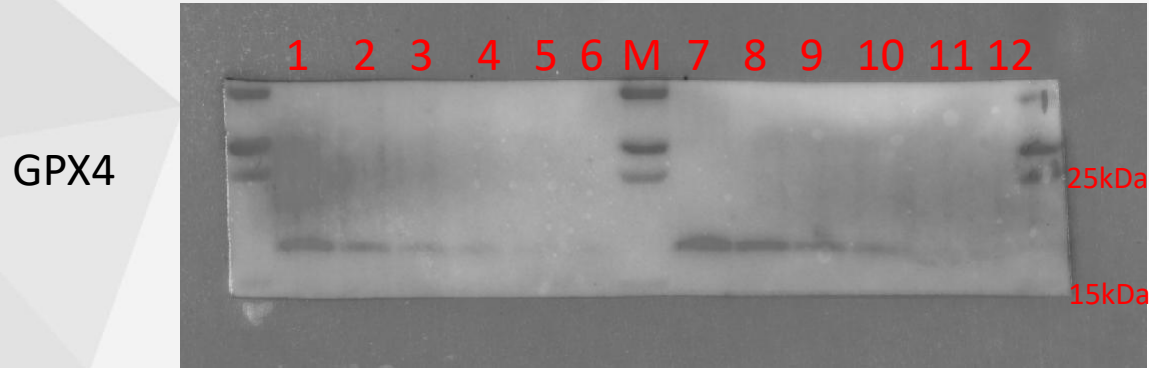


Fig 3G:Uncropped western blot images



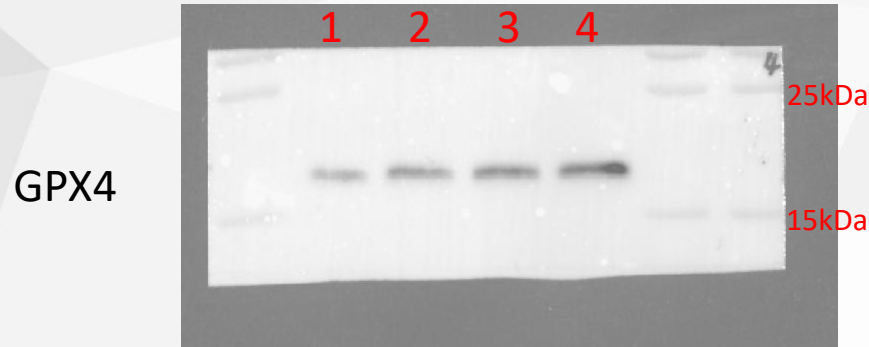
Lanes 1–6: Erastin treatment for 0, 4, 8, 12, 16, and 24 h, respectively.

Fig 4B:Uncropped western blot images



Lanes 1–6: DMSO-treated chondrocyte lysates heated at 37, 42, 47, 52, 57, and 62° C, respectively. Lane M: molecular weight marker. Lanes 7–12: chondrocyte lysates incubated with 4MC (40 μ M) and heated at 37, 42, 47, 52, 57, and 62° C, respectively.

Fig 4C:Uncropped western blot images



Lanes 1–4: Chondrocyte lysates incubated with 4MC at 0, 20, 40, and 80 μ M, respectively, and heated at 52° C.

Fig 4D:Uncropped western blot images

- Lane 1: Control, anti-GPX4 IP
- Lane 2: 4MC (40 μ M), anti-GPX4 IP
- Lane 3: Erastin , anti-GPX4 IP
- Lane 4: Erastin + 4MC (40 μ M), anti-GPX4 IP
- Lane 5: Erastin, IgG IP
- Lane 6: Control
- Lane 7: 4MC (40 μ M)
- Lane 8: Erastin
- Lane 9: Erastin + 4MC (40 μ M)
- Lane 10: Erastin

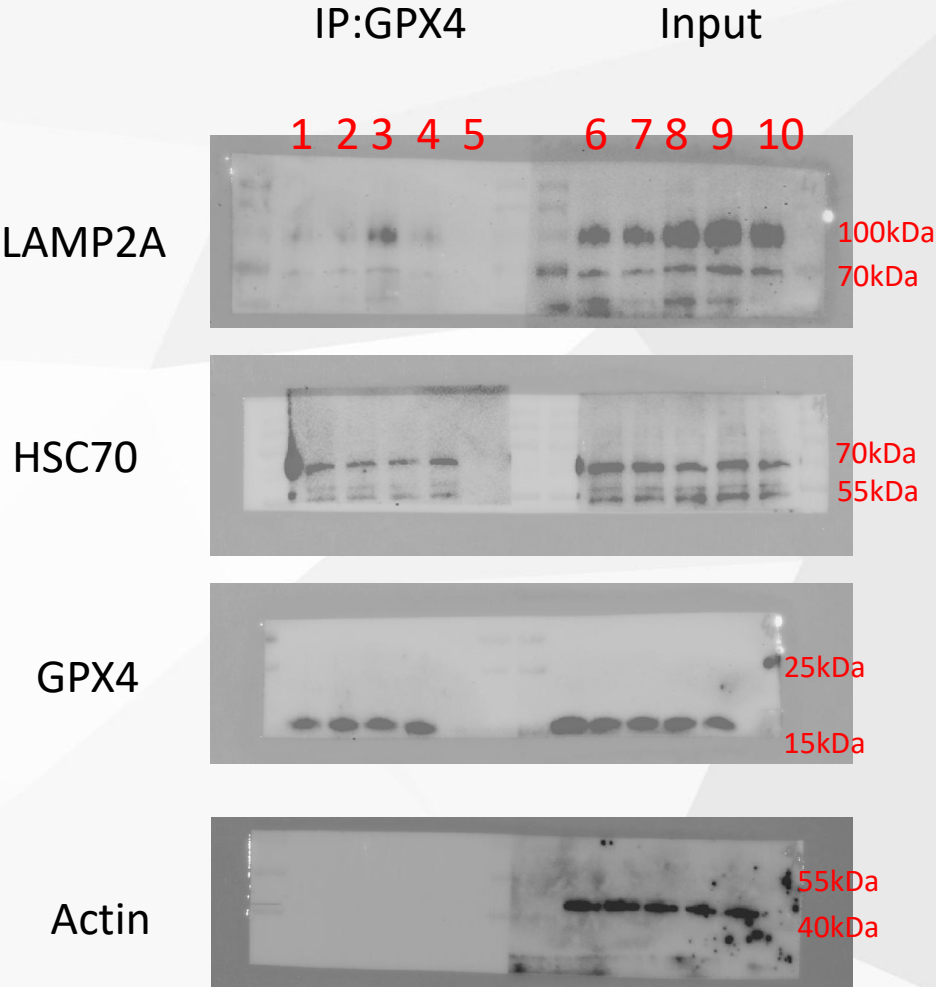
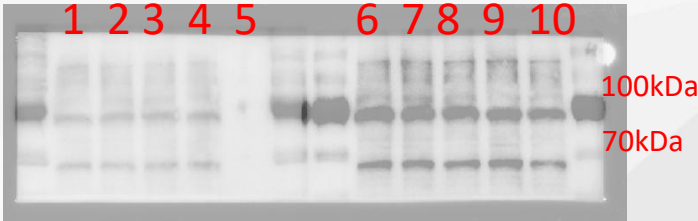


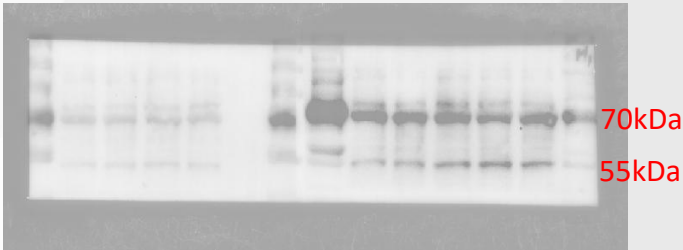
Fig 4E:Uncropped western blot images

- Lane 1: Control, anti-LAMP2A IP
- Lane 2: 4MC (40 μ M), anti-LAMP2A IP
- Lane 3: Erastin, anti-LAMP2A IP
- Lane 4: Erastin + 4MC (40 μ M), anti-LAMP2A IP
- Lane 5: Erastin , IgG IP
- Lane 6: Control
- Lane 7: 4MC (40 μ M)
- Lane 8: Erastin
- Lane 9: Erastin+ 4MC (40 μ M)
- Lane 10: Erastin

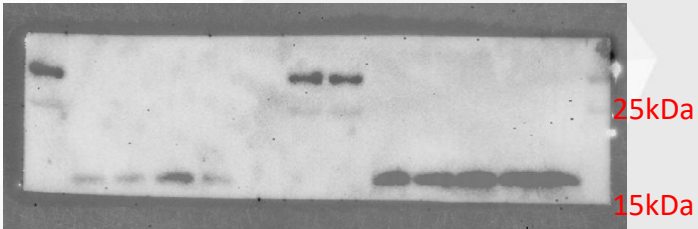
LAMP 2A



HSC70



GPX4



Actin

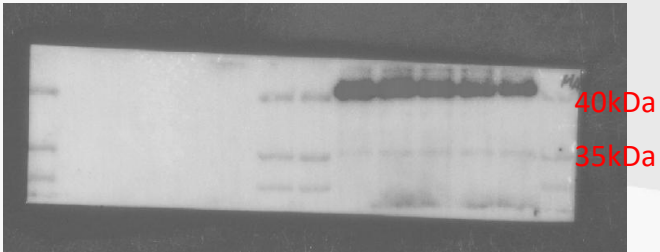


Fig 4H:Uncropped western blot images

Lane 1: Control

Lane 2: Erastin

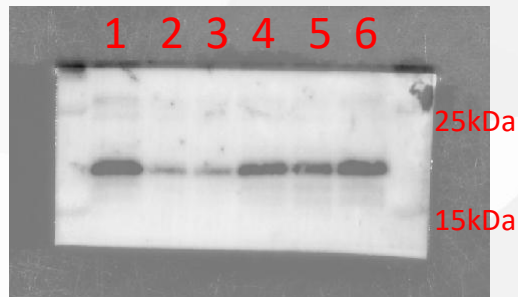
Lane 3: Erastin + siNC

Lane 4: Erastin + siLAMP2A #3

Lane 5: Erastin + 4MC

Lane 6: Erastin + siLAMP2A #3 + 4MC

GPX4



Actin

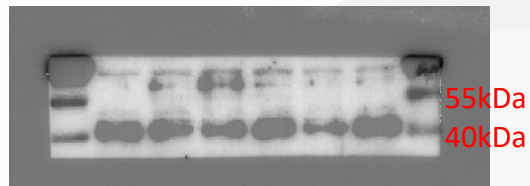


Fig S2A:Uncropped western blot images

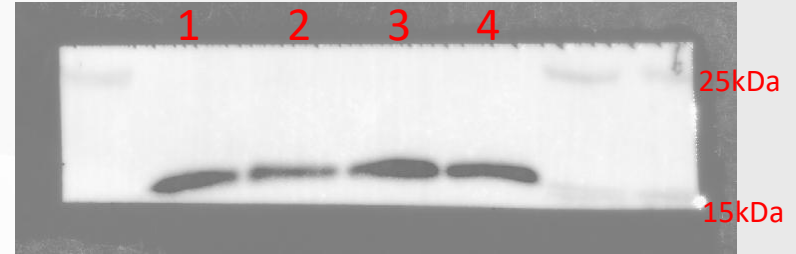
Lane 1: Control

Lane 2: RSL3

Lane 3: RSL3 + 4MC (40 μ M)

Lane 4: RSL3 + Fer-1 (1 μ M)

GPX4



Actin

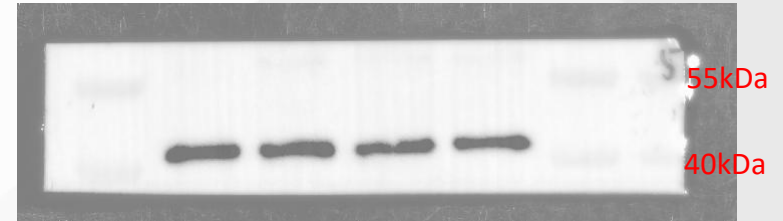
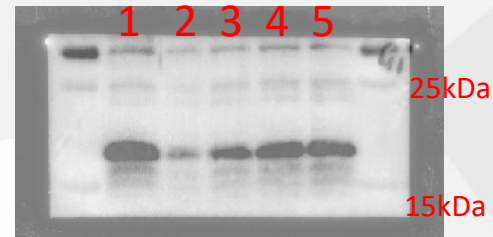


Fig S5A:Uncropped western blot images

Lane 1: Control
Lane 2: Erastin
Lane 3: Erastin + 4MC
Lane 4: Erastin + Baf A1
Lane 5: Erastin + 4MC + Baf A1

GPX4



Actin

