

Supplementary Materials for

Ferrostatin-1, a ferroptosis inhibitor, mitigates all-*trans*-retinal-induced retinal pigment epithelium degeneration in mice

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This file includes:

Supplementary Table S1

Supplementary Figure S1

Supplementary Table S1 Detailed information of reagents.

Reagents	Catalog	Brand
All- <i>trans</i> -retinal (atRAL)	R2500	Sigma-Aldrich
Ferrostatin-1 (Fer-1)	SML0583	Sigma-Aldrich
Hoechst 33342	B2261	Sigma-Aldrich
4',6-diamidino-2-phenylindole (DAPI)	F6057	Sigma-Aldrich
RIPA lysis buffer	R0278	Sigma-Aldrich
2',7'-dichlorodihydrofluorescein diacetate (H2DCFDA)	D399	ThermoFisher Scientific
Rhodamine-123	R302	ThermoFisher Scientific
MitoSOX™ Red	M36008	ThermoFisher Scientific
Image-iT™ lipid peroxidation kit	C10445	ThermoFisher Scientific
Protease and phosphatase inhibitor cocktail	78442	ThermoFisher Scientific
BCA protein assay kit	23227	ThermoFisher Scientific
Dimethyl sulfoxide (DMSO)	D8371	Solarbio
HRP-conjugated goat anti-rabbit IgG (H+L)	31460	ThermoFisher Scientific
ZO-1 monoclonal antibody	1A12	ThermoFisher Scientific
Anti-4-HNE antibody	ab48506	Abcam
Anti-SLC7A11 antibody	A25302	ABclonal
Anti-GPX4 antibody	A11243	ABclonal
Anti-FTH1 antibody	A19544	ABclonal
ABflo® 594-conjugated goat anti-mouse IgG (H+L)	AS054	ABclonal
HRP conjugated anti-GAPDH antibody	HRP-60004	Proteintech
MTS assay kit	G3580	Promega
FerroOrange	F374	Dojindo
Liperfluo	L248	Dojindo
MitoTracker® Red CMXRos	40741ES50	Yeasen
TRleasy total RNA extraction reagent	D606ES60	Yeasen
ReverTra Ace qPCR RT Master Mix	ESQ-201	Toyobo
FastStart Essential DNA Green Master	6402712001	Roche

Supplementary Figure S1 Full western blots. Boxes in *red* indicate selected western blot results.

Figure 1E

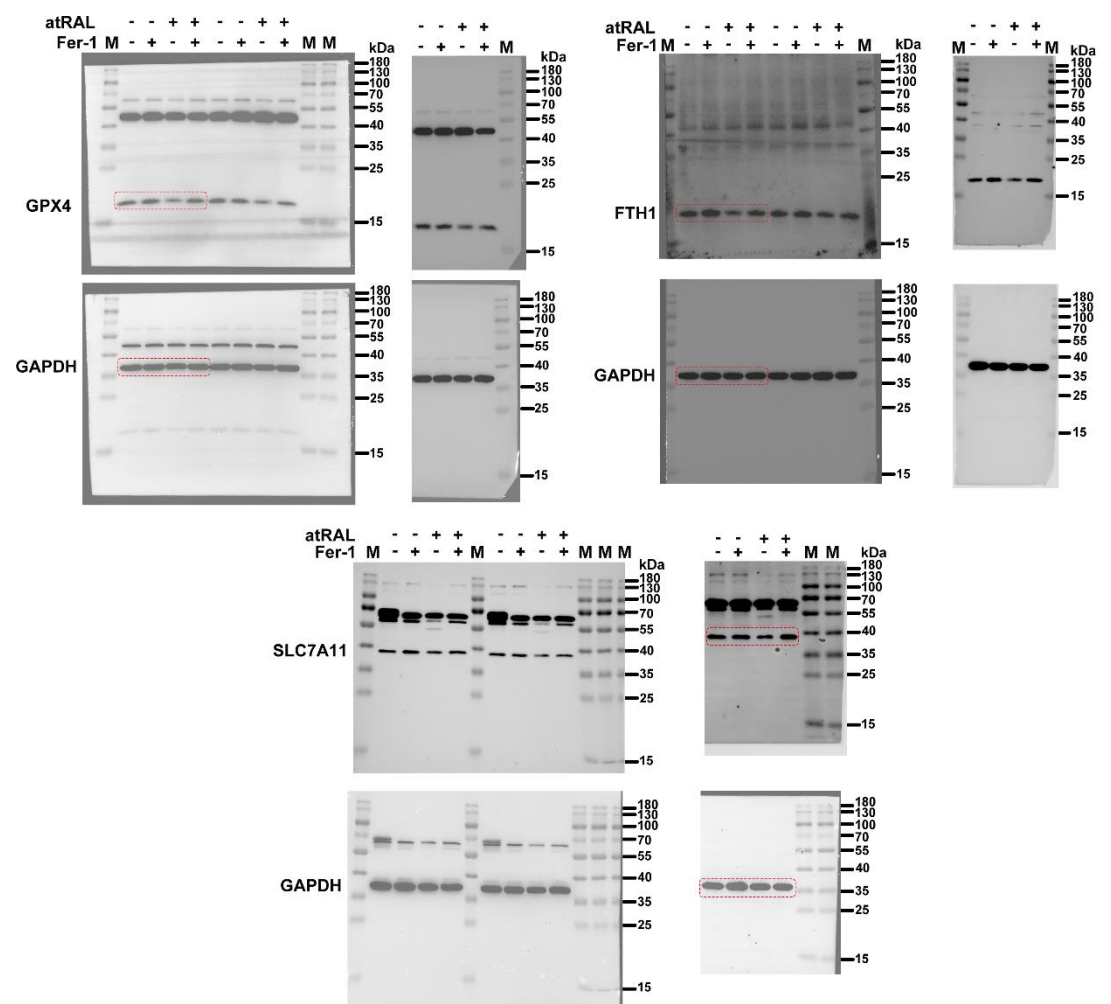


Figure 5H

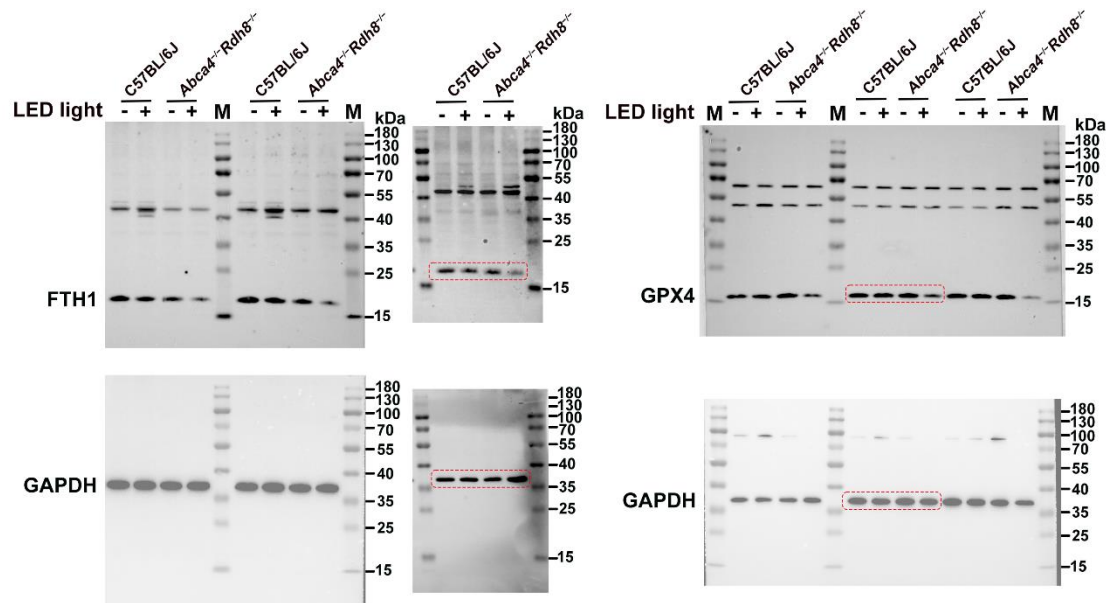


Figure 6H

