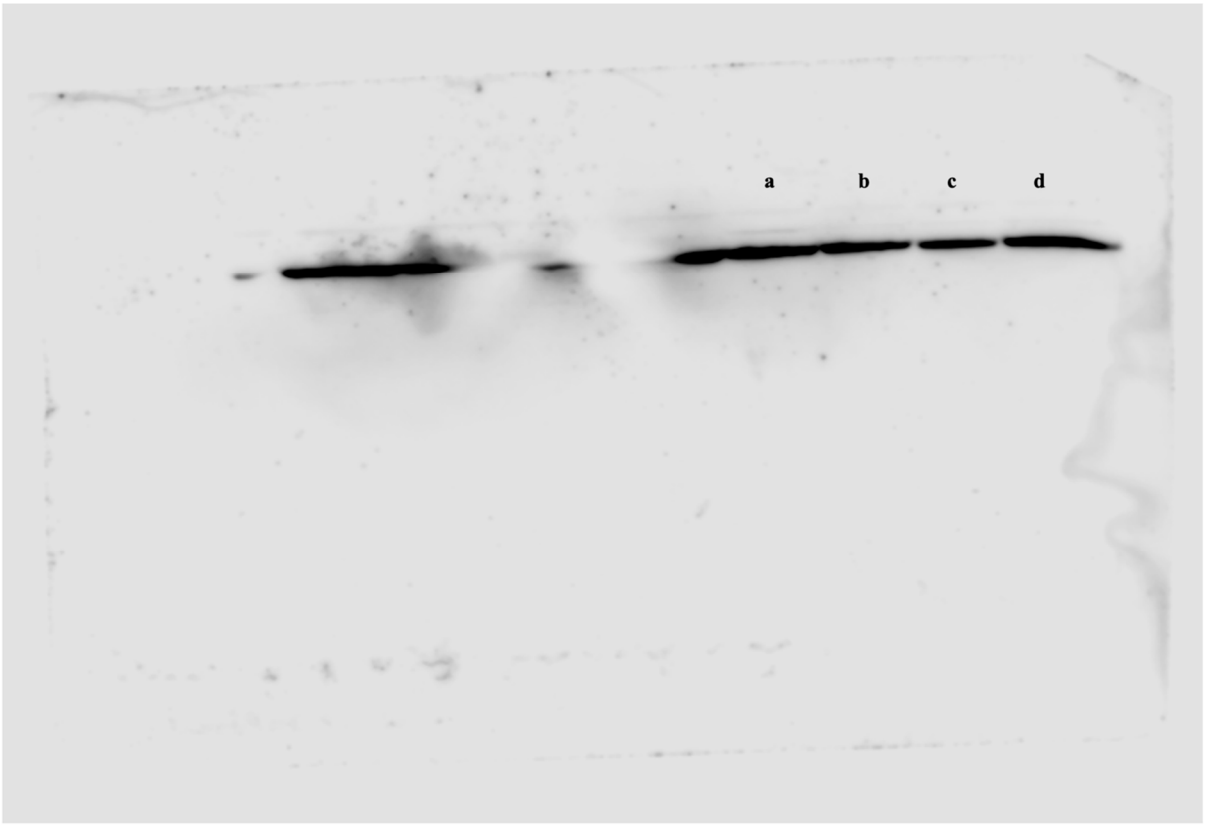
Supplement Table S1. The sequences of ferroptosis related-primers

Primers	**Forward Sequence 5'-3'**	**Reverse Sequence 5'-3'**
Acsl4	GCTATCTCCTCAGACACACCGA	AGGTGCTCCAACTCTGCCAGTA
Lpcat3	AGGAAAGATACCAAACAGCATCA	GATAGTCTTCTGTGATGTGGGG
Alox15	CAGACGTGGCTGTGAAAGAC	AAGAGACAGGAAACCCTCGG
Ptgs2	CGGTGAAACTCTGGCTAGACAG	GCAAACCGTAGATGCTCAGGGA
Tf	AGGCGCTTTCAGGTGTCT	CATCAAGGCACAGCAACTCA
Ncoa4	AGCTTTGCAGAGTGTGTGTG	ATGCTTCTCAGGCTCAGGTT
Hmox1	AAAGATTGCCCAGAAAGCCC	CTCCTCAAAGAGCTGGATGTTG
Slc7a11	TCCTGCTTTGGCTCCATGAACG	AGAGGAGTGTGCTTGCGGACAT
Gpx4	ACAAGAACGGCTGCGTGGTGAA	GCCACACACTTGTGGAGCTAGA
Tp53	GCGCACAGAGGAAGAGAATC	CCACGGATCTGAAGGGTGA
Nrf2	CACATCCAGTCAGAAACCAGTGG	GGAATGTCTGCGCCAAAAGCTG
Vdac2	AGGATTTGGTTTTGGGTTGGT	TGGTCTCCAAGGTCCCAGTA
Nox1	ATCCTTGGGTCAACATTGGC	CTCAGGAAGGACAGCAGATTG
Gapdh	AGCCACATCGCTCAGACAC	GCCCAATACGACCAAATCC

Supplement Figure S1. The western blot image of Actin.

(a. Control of MDA-MB-231; b. ATR of BT-474; c. control of BT-474; d. ATR of MDA-MB-231)



Supplement Figure S2. The western blot image of GPX4 in BT-474

(a. Control; b. ATR)



Supplement Figure S3. The western blot image of GPX4 in MDA-MB-231

(a. Control; b. ATR)



Supplement Figure S4. The western blot image of SLC7A11 in BT-474

(a. Control; b. ATR)



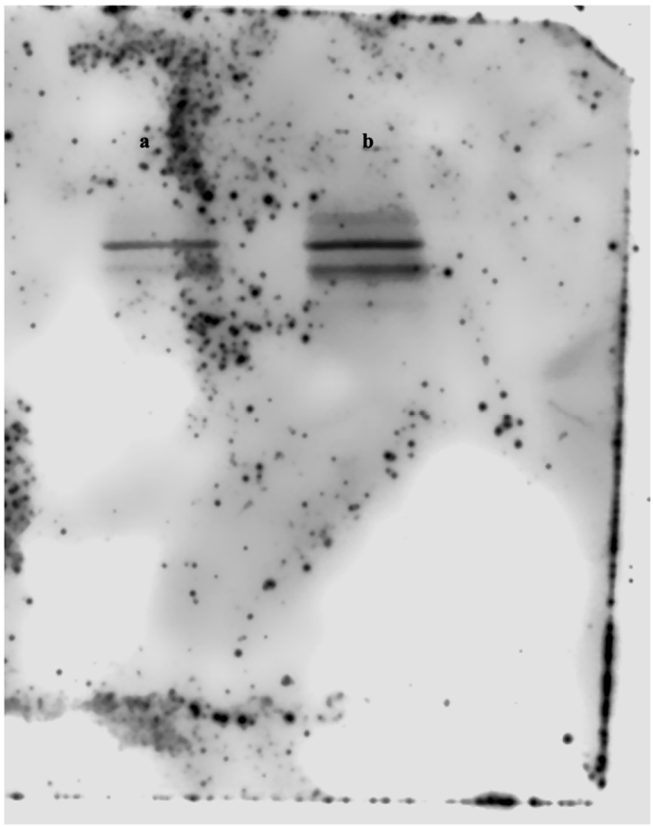
Supplement Figure S5. The western blot image of SLC7A11 in MDA-MB-231

(a. ATR; b. Control)



Supplement Figure S6. The western blot image of LPCAT3 in BT-474

(a. Control; b. ATR)



Supplement Figure S7. The western blot image of LPCAT3 in MDA-MB-231

(a. Control; b. ATR)

