

Supplementary Table 1. List of the primary and secondary antibodies used in this study

Antibody	Source	KDa	Dilution	Vendor	Catalog #
ACR	Rabbit	46	1:1,000	Abcam	ab203289
ANXA2	Mouse	38	1:1,000	Abcam	ab54771
ATP1A4	Rabbit	100	1:10,000	Abcam	ab76020
NDUFS1	Rabbit	79	1:10,000	Abcam	ab157221
UQCRC2	Mouse	48	1:1,000	Abcam	ab110411
Mouse ^a	Rabbit	---	1:10,000	Abcam	ab6728
Rabbit ^a	Goat	---	1:10,000	Abcam	ab97051

ACR: acrosin, ANXA2: annexin A2, ATP1A4: sodium/potassium-transporting ATPase subunit alpha-4, NDUFS1: NADH-ubiquinone oxidoreductase 75 kDa subunit, UQCRC2: cytochrome b-c1 complex subunit 2.

^aSecondary antibody.