

**Supplemental Table 2. List of antibodies used for western blot analyses or immunofluorescence imaging.**

Antibody	Host	Source	Catalog/Ref. #
$\alpha$ -Tubulin	Rabbit	Cell Signaling Technology	2125S
$\beta$ -Actin	Rabbit	Cell Signaling Technology	4970S
ACSL1	Rabbit	Proteintech	13989-1-AP
ACSL4	Rabbit	MilliporeSigma	SAB2100035
Calnexin	Rabbit	Enzo	ADI-SPA-860
LDHA	Rabbit	Cell Signaling Technology	2012S
MBOAT7	Rat	Custom made monoclonal (FT10)	PMID: 23097495
PLIN2 (ADFP)	Rabbit	Abcam	ab108323
VDAC	Rabbit	Cell Signaling	D73D12
Anti-Rabbit 680RD	Donkey	LiCor	926-69073
Anti-Rabbit 800CW	Donkey	LiCor	926-32213
Anti-Rat 800CW	Goat	LiCor	926-32219
Anti-Rat dyLight 488	Goat	Abcam	ab96971
Anti-Rabbit AlexaFluor 594	Goat	Invitrogen	A32740