

Supplementary Table S1. List of antibodies used in the study.

Antibodies	Species	Dilution	Source	Cat. No.
Primary antibodies				
ABCA1	Mouse	1:1000	Abcam	AB18180
ADAM10	Rabbit	1:1000	Millipore	AB19026
ApoE	Goat	1:1000	Millipore	AB947
APP	Mouse	1:1000	Millipore	MAB348
BACE1	Mouse	1:1000	R&D	MAB931
APP-CTF	Rabbit	1:1000	Sigma	A8717
IDE	Rabbit	1:1000	Covance	PRB-282C
NEP	Goat	1:1000	R&D	AF1126
PS1	Mouse	1:1000	Millipore	MAB5232
sAPP $\beta$	Mouse	1:1000	IBL	10321
total tau	Mouse	1:1000	BioLegend	806401
Tau p-S404	Rabbit	1:1000	Invitrogen	44758ZG
Tau p-S422	Rabbit	1:1000	Invitrogen	44764ZG
Tau p-T231	Mouse	1:1000	Invitrogen	MN1040
HSP60	Mouse	1:2000	BD Biosciences	611562
HSP70	Rabbit	1:2000	Bioworld	BS2741
HSP90	Mouse	1:2000	BD Biosciences	610418
Total GSK3 $\alpha/\beta$	Rabbit	1:1000	Cell Signaling	5676
p-GSK3 $\alpha/\beta$ (S21/9)	Rabbit	1:2000	Cell Signaling	8566
Total JNK	Rabbit	1:1000	Cell Signaling	9258
p-JNK (T183/Y185)	Mouse	1:1000	Cell Signaling	9255
Total ERK	Rabbit	1:2000	Cell Signaling	9102
p-ERK (T202/Y204)	Mouse	1:1000	Cell Signaling	9106
Total p38	Rabbit	1:1000	Cell Signaling	9212
p-p38 (T180/Y182)	Rabbit	1:1000	Cell Signaling	9211
$\alpha$ -Tubulin	Rabbit	1:2000	Cell Signaling	2148
Syntaxin	Mouse	1:1000	Sigma	SAB4200841
Synaptotagmin (SYT)	Mouse	1:1000	BD Biosciences	610433
PSD95	Rabbit	1:1000	Cell Signaling	3450
GFAP	Mouse	1:1000	Sigma	G3893
Iba1	Rabbit	1:1000	Wako	019-19741
Secondary antibodies				
Anti-rabbit IgG, HRP-linked	Goat	1:5000	Cell Signaling	7074
Anti-mouse IgG, HRP-linked	Goat	1:5000	Cell Signaling	7076