

Table S1: List of all chemicals and antibodies used in the study.

Chemicals/Antibody	Source	Company	Catalog Number
GFAP (1:500)	Rabbit	Cell Signaling (Danvers, MA, USA)	12389
Iba-1 (1:3500)	Rabbit	Wako (Richmond, VA, USA)	016-20001
A β (6E10, 1:500)	Mouse	Bio Legend (San Diego, CA, USA)	803001
IR (1:1000)	Rabbit	Cell Signaling (Danvers, MA, USA)	3025S
PIR (1:1000)	Rabbit	Cell Signaling (Danvers, MA, USA)	3023S
IDE (1:1000)	Rabbit	Cell Signaling (Danvers, MA, USA)	RL2305311E
AKT (1:1000)	Mouse	Cell Signaling (Danvers, MA, USA)	2920S
PAKT (1:1000)	Rabbit	Cell Signaling (Danvers, MA, USA)	4060S
GSK3 β (1:1000)	Rabbit	Cell Signaling (Danvers, MA, USA)	1256S
PGSK3 β (1:1000)	Rabbit	Cell Signaling (Danvers, MA, USA)	5558S
GAPDH (1:1000)	Rabbit	Cell Signaling (Danvers, MA, USA)	2118S
Biotinylated secondary anti-mouse	Goat	Vector Laboratory (Burlingame, CA, USA)	U0924
Alexa fluorophore 594 (1:1000)		Molecular probes (Eugene, OR, USA)	898290
HRP secondary anti-rabbit (1:1000)	Mouse	Santa Cruz Biotechnology (Dallas, TX, USA)	SC 2357
HRP secondary anti-mouse (1:1000)	Rabbit	Santa Cruz Biotechnology (Dallas, TX, USA)	SC 358917
Super signal West Femto Kit		Thermo Fisher (Waltham, MA, USA)	1856189
ABC Stain kit		Vector Laboratory (Burlingame, CA, USA)	PK-4000
DAB kit		Vector Laboratory (Burlingame, CA, USA)	SK4105
Streptozotocin		Enzo Life Science (Farmingdale, NY, USA)	ALX-380-010-M100
Liraglutide		BACHEM AG (Bubendorf, Switzerland)	1055407
DePex		Electron microscopy Sciences (Hatfield, PA, USA)	13515

Note: The source of each chemical and antibody is listed, as well as the dilutions of the antibody used, along with their phosphorylation sites.