Table 1: Antibodies used in Western blot experiment.

Antibody	Supplier	Cat. No.	Clone	Host	Dilution
CaMKII (pan) Antibody	Cell Signaling Technology	#3362	Polyclonal	Rabbit	1:1000
Phospho-CaMKII (Thr286) Antibody	Cell Signaling Technology	#3361	Polyclonal	Rabbit	1:1000
Tau antibody	GeneTex	GTX634809	GT287	Mouse	1:1000
Tau (phospho Ser199/Ser202) antibody	GeneTex	GTX24864	Polyclonal	Rabbit	1:1000
α-Tubulin Antibody	Cell Signaling Technology	#2144	Polyclonal	Rabbit	1:5000
Phospho-IRS-1 (Ser1101) Antibody	Cell Signaling Technology	#2385	Polyclonal	Rabbit	1:1000
IRS-1 Antibody	Santa Cruz Biotechnology	sc-559	Polyclonal	Rabbit	1:1000
Phospho-AKT1/2/3 (Ser 473) Antibody	Santa Cruz Biotechnology	sc-7985	Polyclonal	Rabbit	1:1000
Phospho-mTOR (Ser2448) Antibody	Cell Signaling Technology	#2971	Polyclonal	Rabbit	1:1000
mTOR Antibody	Cell Signaling Technology	#2983	7C10	Rabbit	1:1000
β-Amyloid Antibody	Cell Signaling Technology	#15126	D3D2N	Mouse	1:1000
Anti-rabbit IgG, HRP-linked Antibody	Cell Signaling Technology	#7074	-	Rabbit	1:10000
Anti-mouse IgG, HRP-linked Antibody	Cell Signaling Technology	#7076	-	Mouse	1:10000