

**Antibodies used and their respective dilutions.**

Antibody	epitope	Western Blot dilution	Immunofluorescence Dilution	Reference
AT270	pT181	1/1,000		Pierce antibodies MN1050
pS199	pS199	1/1,000		LifeTechnologies 44-734G
Tau-1	pS199-S208			Millipore MAB3420
CP13	pS202	1/1,000	1/200	Gift of Peter Davies
AT8	pS202/pT205	1/1,000		Pierce antibodies MN1020
AT180	pT231	1/1,000		Pierce antibodies MN1040
RZ3	pT231	1/1,000	1/200	Gift of Peter Davies
PHF-1	pS396/pS404	1/1,000	1/200	Gift of Peter Davies
Tau	Total tau		1/400	Dako Cytomation A0024
Tau-5		1/1,000		LifeTechnologies AHB0042
BIN1 99D	MycBD	1/1,000	1/200	Millipore 05-449
BIN1 Anti SH3	SH3	1/1,000	1/200	Abcam ab27796
$\alpha$ -tubulin		1/1,000		Abcam ab24622
PSD95			1/500	SYSY 124012
Synaptophysin			1/500	SYSY 101004
Clathrin			1/400	Santa-cruz sc-6579