

Antibody	Reactivity	Species	Reference	IHC dilution	IF dilution	WB dilution
AT8 (biotinylated)	Human Tau pS212, pT214	Mouse	Thermofisher (MN1020B)	1:400	1:400	
AT100	Human Tau pS202, pT205	Mouse	Thermofisher (MN1060)	1:4000	1:1000	
Bassoon	Mouse presynaptic	Guinea pig	Synaptic systems (141 004)		1:1500	
Clec7a (murine)	murine Dectin-1	Rat	InvivoGen		1:50	
GFAP-CY3	GFAP	Mouse	Sigma- Aldrich (C9205)		1:10,000	
Iba1	Iba1	Rabbit	Wako (019-19741)		1:1000	
Iba1	Iba1	Rabbit	Abcam (ab178847)	1:500 (autostainer)		
pS422	Human Tau pS422	Rabbit	Abcam (ab79415)		1:1000	
PSD95	Mouse postsynaptic	Rabbit	Thermofisher (51-6900)		1:1000	
Tau DAKO	Total Tau	Rabbit	DAKO (A0024)			1:5000

Table S1: list of the primary antibodies used in the present study and their working concentration.