

Supplementary table 1. Primary antibodies used in the study

<i>Antibody (clone/epitope)</i>	<i>Clonality</i>	<i>Supplier (catalogue number)</i>	<i>Application</i>	<i>Dilution</i>
α -synuclein (<u>KM51</u>)	monoclonal	Vector (VP-A106)	IHC/IF	1:50
α -synuclein (<u>amino acids 111-131, C-terminal</u>)	polyclonal	Abcam (ab15530)	IF	1:800
Phospho- α -synuclein (Ser129)	polyclonal	Abcam (ab59264)	IF	1:100
Phospho- α -synuclein (Y125)	polyclonal	Abcam (ab10789)	IF	1:75
AT100 (Thr212/Ser214)	monoclonal	Innogenetics (#90337)	IHC	1:100
A β (6F/3D)	monoclonal	DAKO (M0872)	IHC	1:100
AT8 (Ser202/Thr205)	monoclonal	Source Bioscience (90206)	IHC/IF	1:600
α -B-Crystallin (G2JF)	monoclonal	Novocastra (ABCRYS-512)	IHC	1:300
3R	monoclonal	Courtesy of Dr. Rohan De Silva	IHC	1:100
4R	monoclonal	Courtesy of Dr. Rohan De Silva	IHC	1:100
Ubiquitin	polyclonal	DAKO (Z0458)	IHC	1:200
P62 (3/P62 LCK LIGAND)	monoclonal	BD Transduction (610833)	IHC/IF	1:100
TDP-43 (2E2-D3)	monoclonal	Abnova (H00023435-M01)	IHC	1:800
CD68 (EBM11)	monoclonal	DAKO (M0718)	IHC	1:150
α -Internexin	polyclonal	Abcam (967654)	IHC	1:75
GFAP	polyclonal	Dako (Z0334)	IHC/IF	1:1000
Iba-1	polyclonal	Wako (091-19741)	IF	1:500
Olig-2	polyclonal	Abcam (ab42453)	IF	1:500

IHC, immunohistochemistry; IF, Immunofluorescence

