

Supplementary Material

Table S1. Primary antibodies used for immunohistochemistry and WB

Antibody name	Host	Catalogue number	Supplier
anti-SMN	mouse	610646	BD Transduction Laboratories
anti- beta actin	rabbit	4970S	Cell signaling
anti-GAPDH	rabbit	10494-1-AP	Proteintech
anti-Iba-1	rabbit	019-19741	Wako
anti-GFAP	rabbit	Z0334	Dako
anti – SYP	mouse	MO776	Dako
anti-CD206	goat	sc-34577	Santa cruz
anti- iNOS	mouse	sc-7271	Santa cruz
anti-S100A10	goat	AF2377	Biotechnie, R & D systems
anti-complement C3b/C3c	mouse	HM1065	Hycult Bioteck

Table S2. Secondary antibodies used for immunohistochemistry and WB

Antibody name	Host	Catalogue number	Supplier
anti-mouse IgG- HRP	horse	7076S	Cell signaling
anti-rabbit IgG- HRP	goat	A0545	Sigma Aldrich
anti-rabbit IgG	goat	BA-1000	Vector
anti-rabbit 488A	goat	20012	Biotium
anti-mouse 555	goat	20030	Biotium
anti-goat 555	donkey	20039	Biotium

Sup. Material 1

ABBREVIATIONS:

A_c	Cell's area
A_p	Projection area
AD	Alzheimer's disease
ALS	Amyotrophic lateral sclerosis
a-MNs	Alpha Motor Neurons
CNS	Central nervous system
DAB	3,3'-diaminobenzidine
ECL	Enhanced chemiluminescence
FBS	Fetal Bovine Serum
HRP	Horseradish peroxidase
IL1β	Interleukin-1beta
LPS	Lipopolysaccharides
MCP-1	Monocyte chemoattractant protein 1 expression
NF-κB	Nuclear factor kappa B
NGS	Normal Goat Serum
P5	Postnatal day 5
PBS	Phosphate-buffered saline
PDVF	Polyvinylidene difluoride
pre-mRNA	Precursor mRNAs
RT	Room temperature
SMA	Spinal muscular atrophy
SMN	Survival Motor Neuron protein
SYP	Synaptophysin
TLR4	Toll-like receptor 4
TNF-α	Tumor necrosis factor alpha
UBA1	Ubiquitin Like Modifier Activating Enzyme 1
WB	Western blot