

Supplementary Table S1

Reagent	Pretreat	Dilution	Source	Target
Calbindin, murine	DIVA ^a	1:200	Vector VP-C301	Purkinje cells and other specific neuronal populations ^{1,2}
Calretinin, rabbit	BORG ^b	1:30	Vector, VP-T489	Granular cells, mossy and climbing fibers ²
GFAP, rabbit	None	1:2000	Dako 2033-1	Intermediate filament of astrocytes
Neurofilament H, murine	BORG ²	1:500	SMI-32	Stains larger neurons in the cerebrum and some axons
Neurofilament (phosphorylated), murine	None	1:600	SMI-34	Specific for axons ³
NeuN, murine	DIVA ^a	1:90	Chemicon MAB337	DNA binding protein specific for many neurons
Parvalbumin, murine	DIVA ^a	1:200	2Q135	Basket cells ^{1,2}

^a Diva Decloaker; Biocare, Concord CA, USA

^b Borg Decloaker; Biocare, Concord CA, USA

1. Siso S, Tort S, Aparici C, et al. Abnormal neuronal expression of the calcium-binding proteins, parvalbumin and calbindin D-28k, in aged dogs. *J Comp Pathol* 2003;128:9-14.
2. Bastianelli E. Distribution of calcium-binding proteins in the cerebellum. *Cerebellum* 2003;2:242-262.
3. Shea TB, Beermann ML. Evidence that the monoclonal antibodies SMI-31 and SMI-34 recognize different phosphorylation-dependent epitopes of the murine high molecular mass neurofilament subunit. *J Neuroimmunol* 1993;44:117-121.