

Supplementary figure 1 The neuronal/glia autoantibody pattern by

TBA

a-d: All were defined as negative TBA. a: None of positive signal. b: Nonspecific fluorescence only occur in dura mater. c: Nonspecific antinuclear antibody bind to all the cell nuclear; d: Choroid plexus staining. A-H: All were defined as positive TBA. A: GFAP-IgG bind to glial filament in cerebellum molecular layer (the same location of slice to Figure a); B: GFAP-IgG bind to glial filament in cerebellum molecular layer (the same location of slice to Figure b); C: Neuronal staining in granular layer and molecular layer; D: Purkinje cells staining include the cell body and dendrite; E: IgG mainly binds to neuronal plasma membrane of the molecular layer; F: Immunostaining peri-Purkinje cell regions and white matter was intense; G: White matter tracts were clearly stained; H: Astrocyte staining but negative to GFAP indicating other antigens. I:ve serum samples