

Additional file 2 Brains of MSA and probable iLBD cases contain phosphorylated alpha-synuclein in the sarkosyl-insoluble fraction

The amount of alpha-synuclein in the sarkosyl-insoluble fraction of brain homogenate from the MSA1, MSA2, and iLBD1 cases was quantified (Table 1). Equal amounts of protein were used to immunoprecipitate alpha-synuclein from each sarkosyl-insoluble fraction with the clone 42 antibody against alpha-synuclein. Proteins were separated by SDS-polyacrylamide gel electrophoresis and detected with the pSyn#64 antibody against phosphorylated alpha-synuclein **(a)**. Phosphorylated alpha-synuclein was not detectable when the primary pSyn#64 antibody against phosphorylated alpha-synuclein was omitted **(b)**. * = IgG light chain. Molecular sizes are shown in kilodalton.

