

Xing *et al.* Increased phosphorylation of collapsin response mediator protein-2 at Thr514 correlates with β -amyloid burden and synaptic deficits in Lewy Body dementias

Additional File 6: Supplementary Figure 6

No correlation between pThr514 CRMP2 and insoluble pSer129 α -synuclein immunoreactivity in LBD parietal cortex

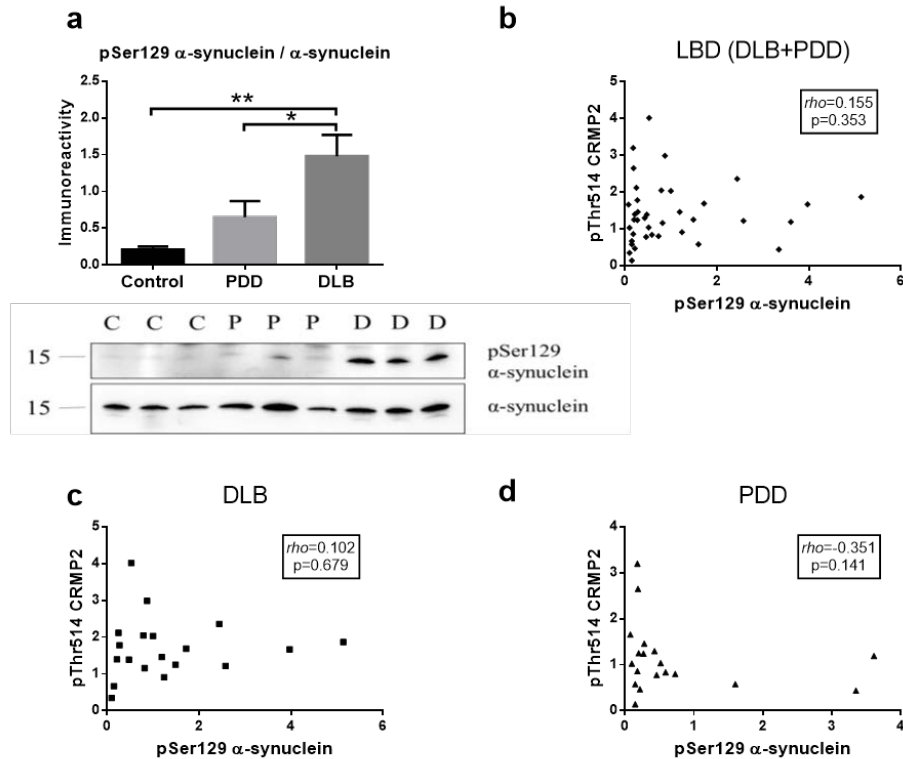


Fig. S6 a Bar graphs of pSer129 α -synuclein normalized to α -synuclein immunoreactivities in the insoluble fraction (mean \pm SEM in arbitrary units) with representative immunoblots. Scatter plots of pThr514 CRMP2 with pSer129 α -synuclein immunoreactivity of **b** LBD (DLB + PDD), **c** DLB and **d** PDD parietal cortex, with insets indicating ρ and p values. Available N for control (C) = 19; PDD (P) = 19 and DLB (D) = 19. One DLB sample was excluded as an outlier due to pSer129 α -synuclein value > 8 , the inclusion of which did not alter the significance of the results (data not shown).

* $p < 0.05$, ** $p < 0.01$, significant differences for multiple pair-wise comparisons (Kruskal-Wallis H with Dunn's *post-hoc* tests). No significant differences ($p > 0.05$) were found for pThr514 CRMP2 correlations with pSer129 α -synuclein (Spearman).