**Supplementary Figure 2:**

**Analysis of anti-α3NC1 antibodies in LN patient sera**. The presence of IgG autoantibodies binding to the NC1 domain of α3(IV) collagen (α3NC1) was assayed by ELISA in LN sera with (Pxdn+) or without (Pxdn-) anti-peroxidasin antibodies. Sera from GP patients were used as positive control. Sera were diluted 1:100 and incubated in wells coated with 100 ng of recombinant α3NC1 in carbonate buffer. Mean binding for each group is indicated by horizontal lines. Positivity threshold (gray line) was set at 3SD above the controls mean (dotted line). All LN sera except one were negative for anti-α3NC1 antibodies.

