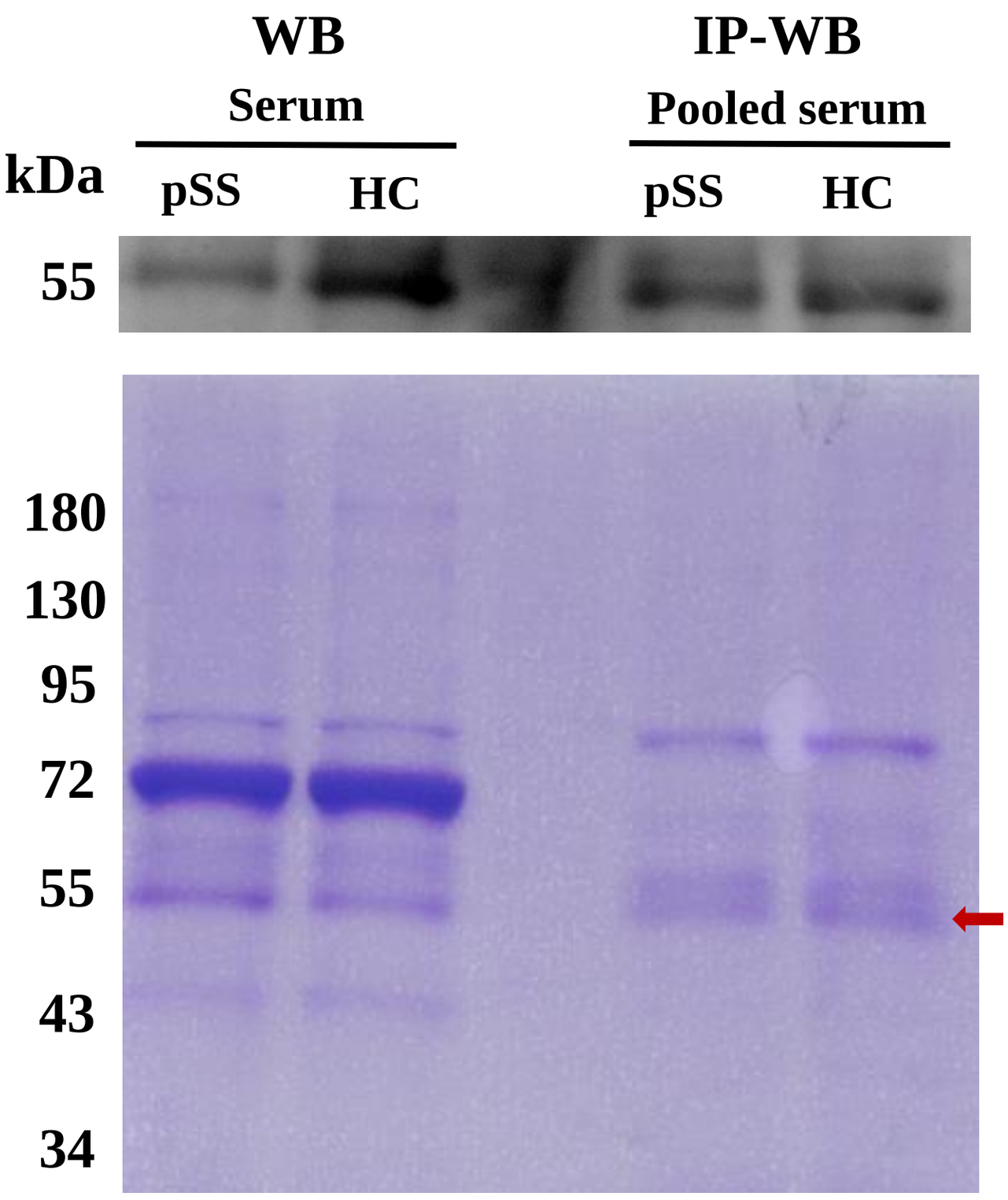
WB
Serum
IP-WB
Pooled serum
Antibodies
kDa
pSS
HC
pSS
HC
Immunoprecipitation
Western blot
55
anti-A1AT
anti-HNE
180
130
95
72
55
43
34

Figure 2. 4-Hydroxy-2-nonenal (HNE) modification of the serum A1AT protein was validated using IP and Western blotting. A1AT was immunoprecipitated from pooled serum samples [40 patients with primary Sjögren's syndrome (pSS) and 40 healthy controls (HCs)] using anti-A1AT antibodies and then subjected to Western blotting with anti-HNE antibodies (upper panel). Individually selected random serum samples (patient with pSS and HC) were used as controls; these were simultaneously used for Western blotting with anti-HNE antibodies. A duplicate gel was stained with Coomassie brilliant blue as a loading control (bottom panel). The red arrow indicates the A1AT protein.