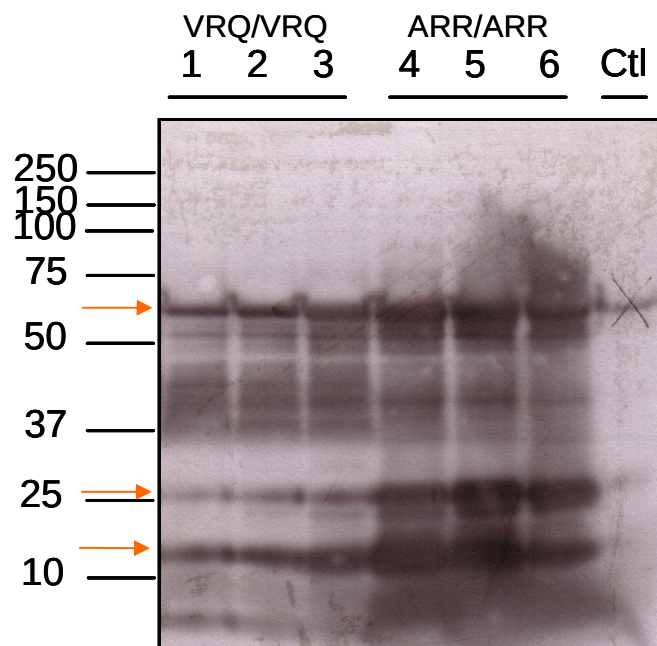


Additional file 1: Transthyretin western blot analysis in serum from 3 LP sheep (VRQ/VRQ) and 3 healthy sheep (ARR/ARR).



Fifty μ g of proteins from serum samples have migrated on a SDS-Page acrylamide 12% electrophoretic gel (lines 1 to 3: pathological LP VRQ/VRQ sheep; lines 4 to 6: healthy ARR/ARR sheep; border line control "Ctl": 100 ng of Recombinant full length Human Prealbumin, amino acids 21-147, 13,8 kDa abcam n°92 931). The transthyretin signal is revealed by a primary polyclonal antibody from rabbit (abcam n°16006; immunogen = prealbumin isolated from human plasma; reacts with human, sheep) used at 1 μ g/mL in 0.1% PBS-Tween / 2% milk and a secondary antibody coupled with HRP diluted 1/80 000 in 0.1% PBS-Tween / 2% milk. The molecular weight standards are mentioned in kiloDalton (Bio-Rad).