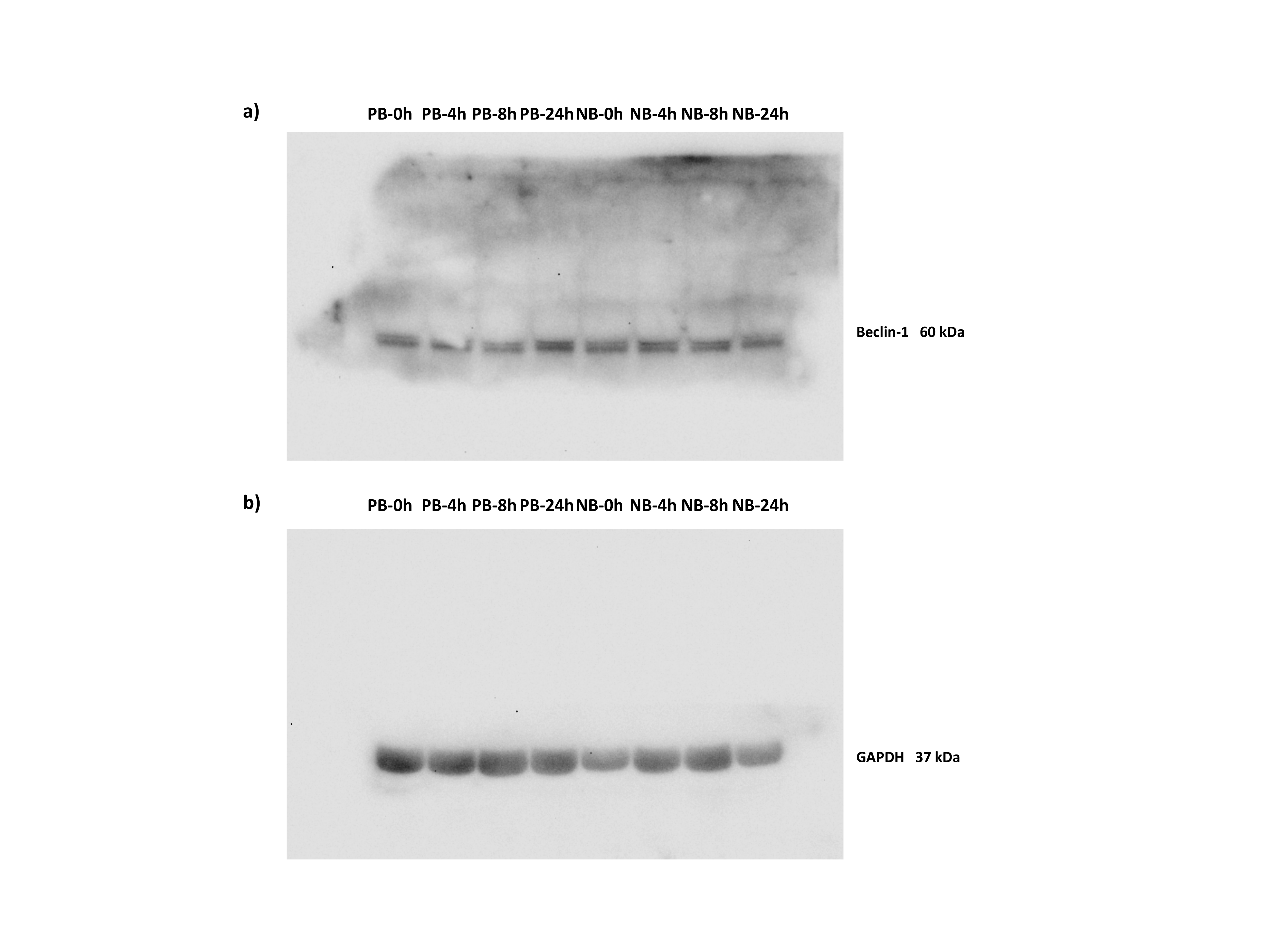
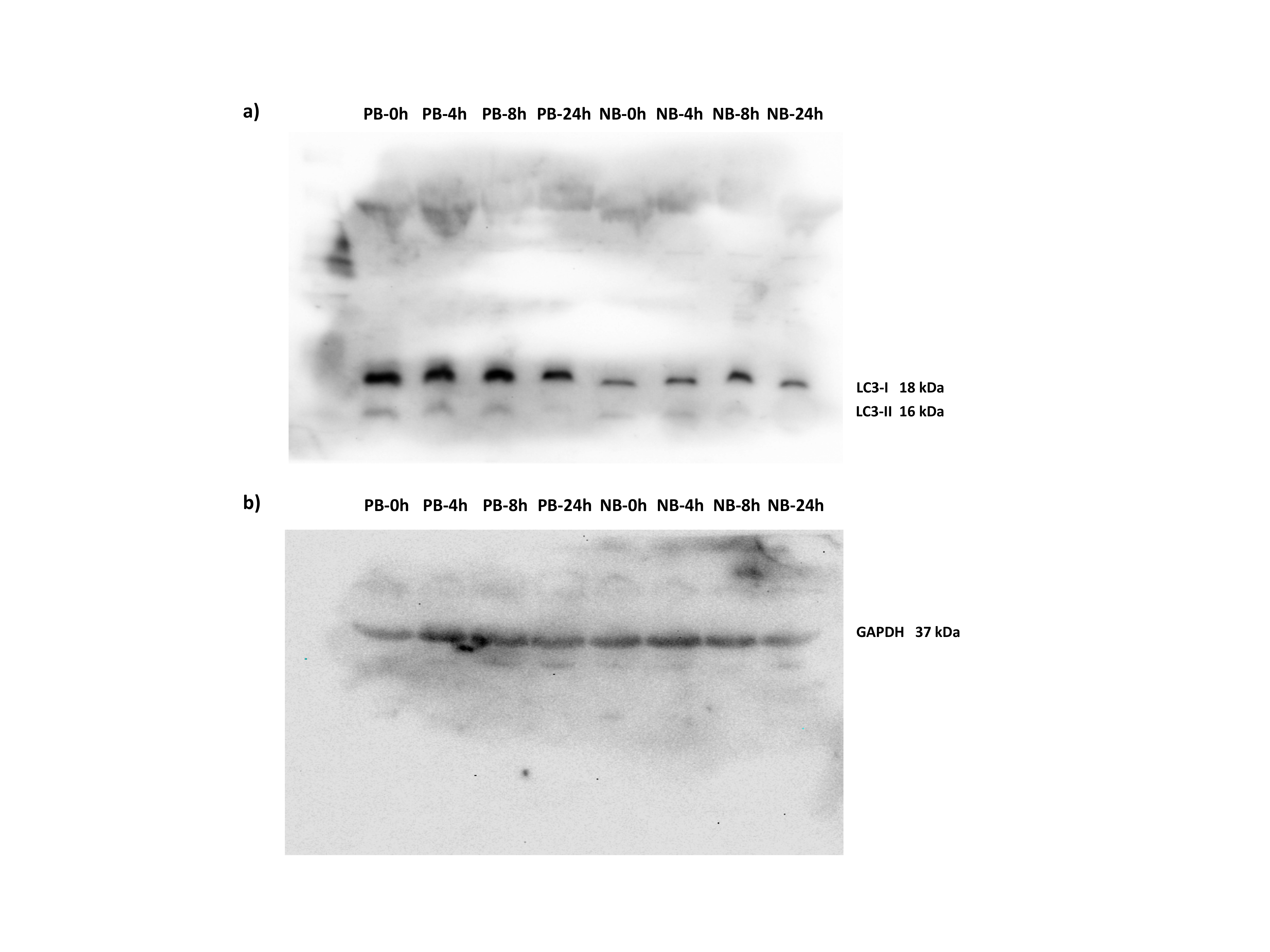
**Pig cognitive bias affects the conversion of muscle into meat by antioxidant and autophagy mechanisms**

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**Supplementary Figure S1** Western blot analysis of Beclin-1 expression in the muscle tissue of positive (PB) and negative (NB) pigs for cognitive bias at different postmortem time (0, 4, 8 and 24 h), a) membrane incubated with primary antibody anti-Beclin-1 and the corresponding horseradish peroxidase-conjugated secondary antibody, b) the same membrane after washing and incubated with primary antibody anti-GAPDH (used for normalization) and the corresponding horseradish peroxidase-conjugated secondary antibody.



**Supplementary Figure S2** Western blot analysis of LC3-I and LC3-II expression in the muscle tissue of positive (PB) and negative (NB) pigs for cognitive bias at different postmortem time (0, 4, 8 and 24 h), a) membrane incubated with primary antibody anti-LC3 and the corresponding horseradish peroxidase-conjugated secondary antibody, b) the same membrane after washing and incubated with primary antibody anti-GAPDH (used for normalization) and the corresponding horseradish peroxidase-conjugated secondary antibody.