

Figure S1. Full-length Western blot images for transglutaminase-2 (TG2): **a)** 1st blot after development with ECL, **b)** 2nd blot after development with ECL, **c)** 1st membrane after transfer for total protein quantification, **d)** 2nd membrane after transfer for total protein quantification. n = 5

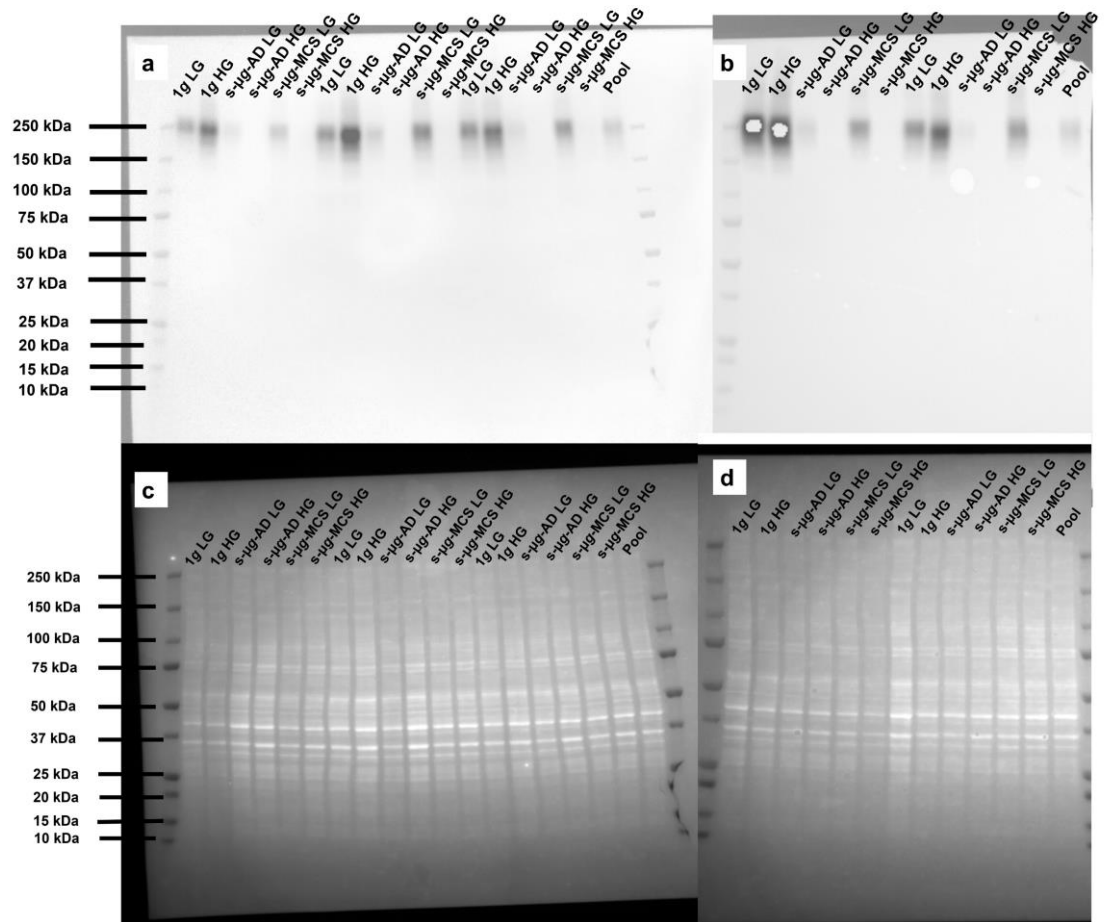


Figure S2. Full-length Western blot images for fibronectin (FN1). **a)** 1st blot after development with ECL, **b)** 2nd blot after development with ECL, **c)** 1st membrane after transfer for total protein quantification, **d)** 2nd membrane after transfer for total protein quantification. n = 5, overexposed 1g LG and 1g HG samples were excluded.

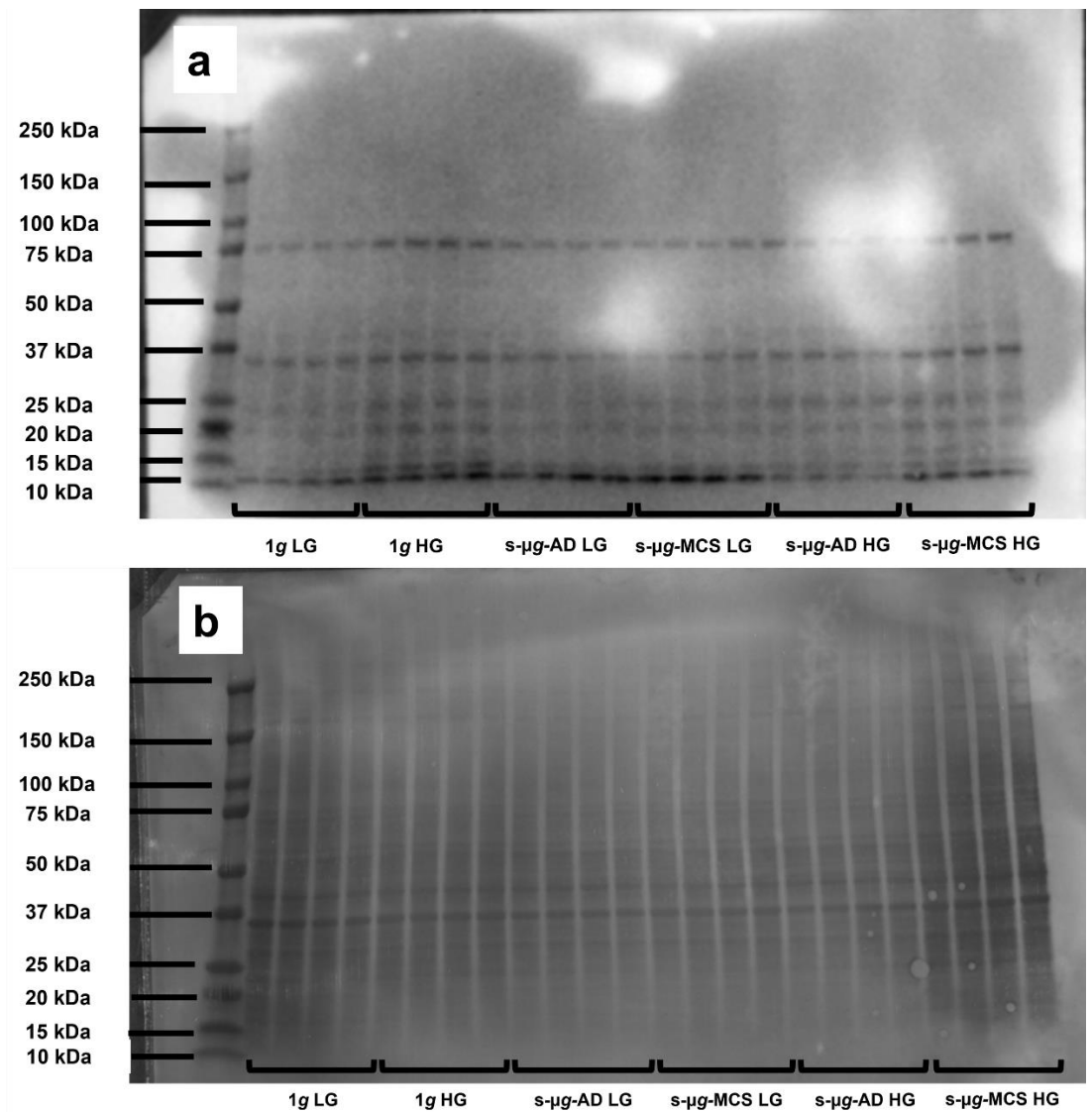


Figure S3. Full-length Western blot images for caspase-3 (CASP3). **a)** Full blot after development with ECL, **b)** Membrane after transfer for total protein quantification. $n = 4$

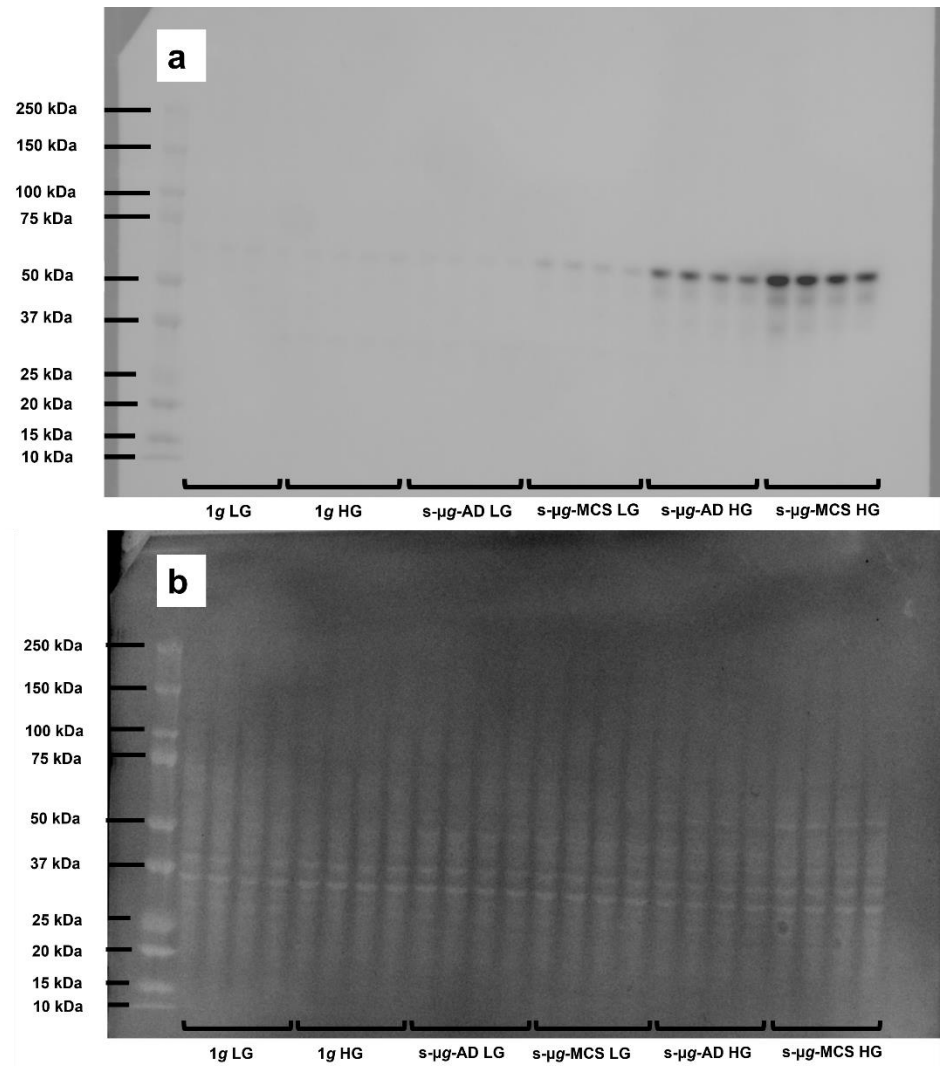


Figure S4. Full-length Western blot images for NF-κB p65. **a)** Full blot after development with ECL, **b)** Membrane after transfer for total protein quantification. n = 4

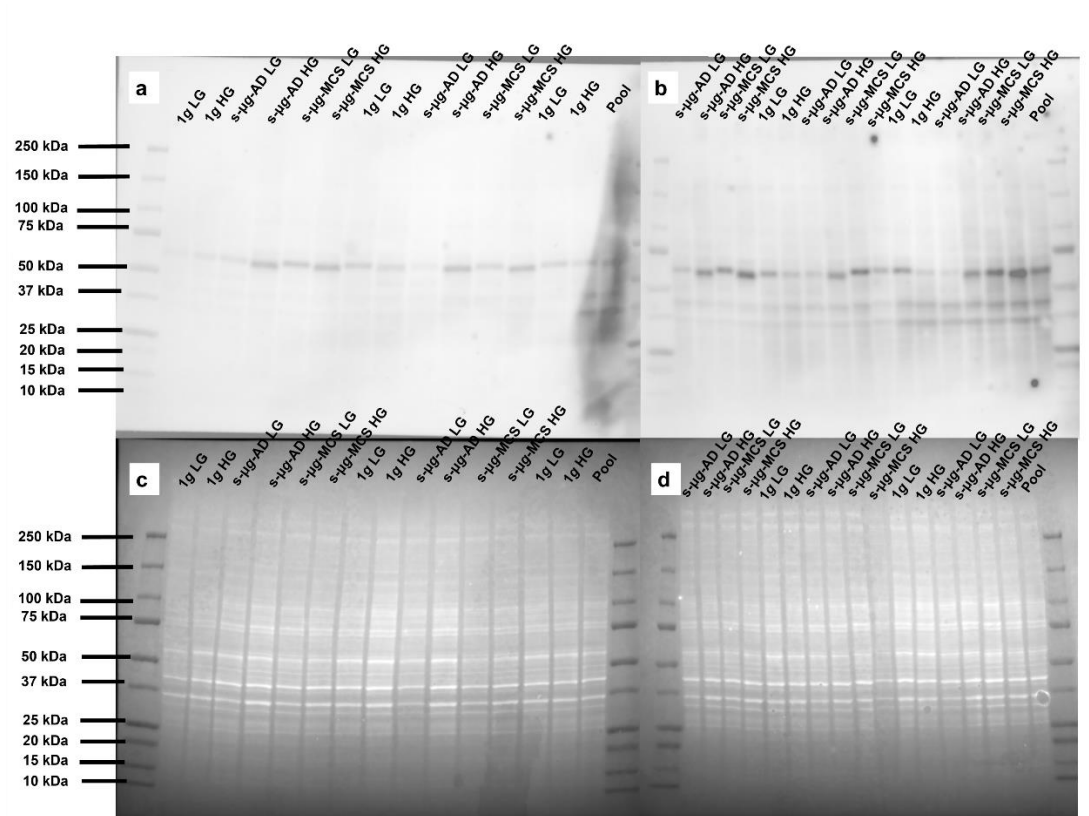


Figure S5. Full-length Western blot images for NADPH oxidase 4 (NOX4). **a)** Full blot after development with ECL, **b)** Membrane after transfer for total protein quantification. n = 5