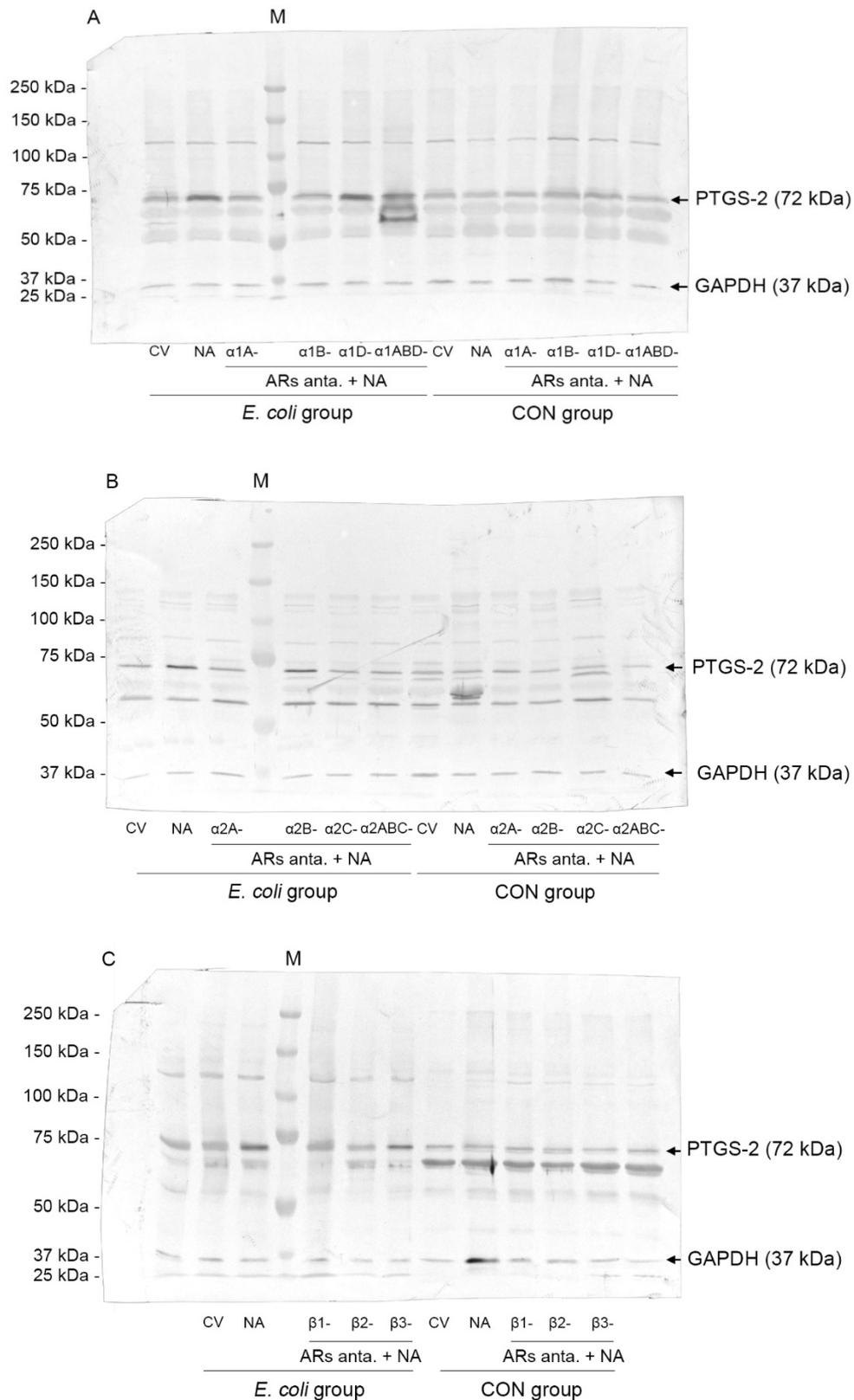
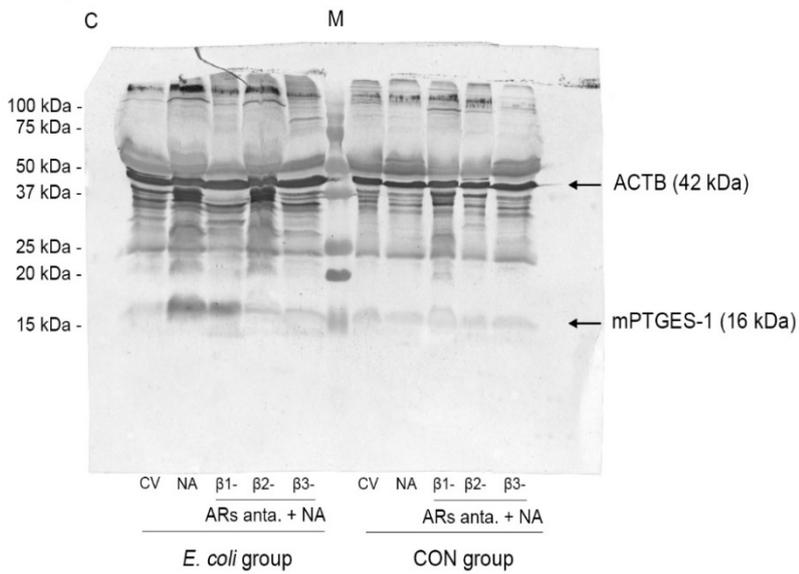
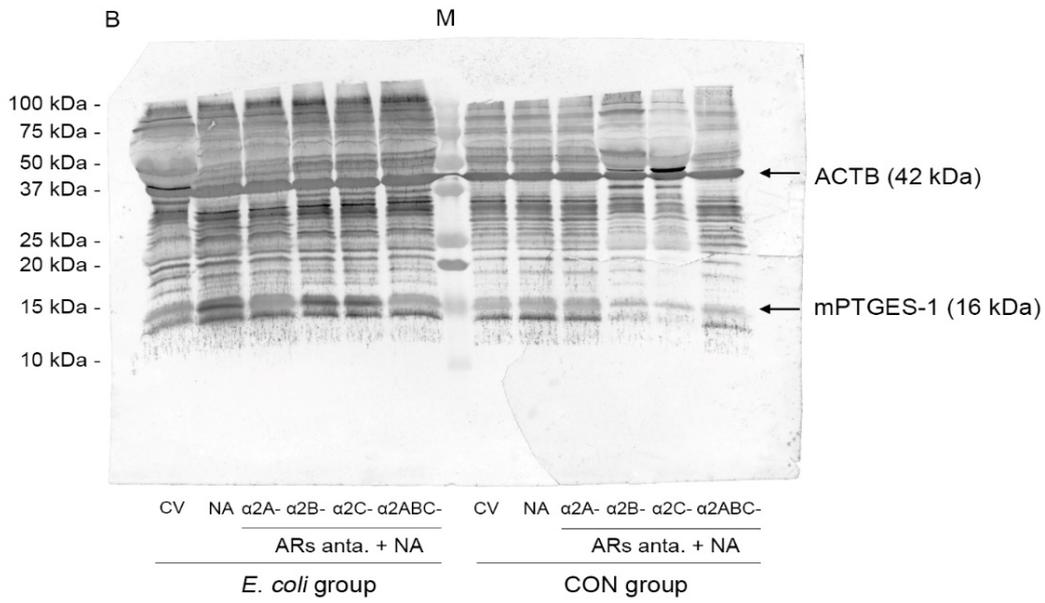
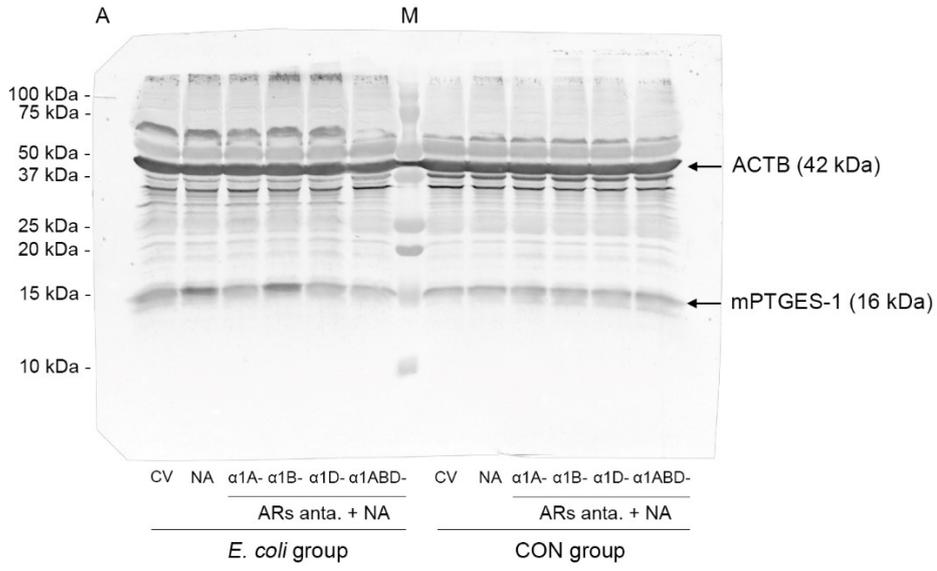


**Supplementary material**



**Supplementary Figure S1.** Western blot analysis of prostaglandin-endoperoxidase synthase-2 (PTGS-2) in pig endometrium from the control (CON) and *E. coli* (*E. coli*) groups after using noradrenaline alone or antagonists of  $\alpha$ 1- (blot A),  $\alpha$ 2- (blot B) and  $\beta$  (blot C) -adrenoreceptors with

noradrenaline. The density of bands was normalized in relation to glyceraldehyde-3-phosphate dehydrogenase (GAPDH). For PTGS-2 antibody bands are visible at 72 kDa, for GAPDH antibody at 37 kDa. marker: M; control value: (CV, untreated tissue); noradrenaline: NA; adrenoreceptors: ARs; antagonist: anta.



**Supplementary Figure S2.** Western blot analysis of microsomal prostaglandin E synthase-1 (mPTGES-1) in pig endometrium from the control (CON) and *E. coli* (*E. coli*) groups after using noradrenaline alone or antagonists of  $\alpha$ 1- (blot A),  $\alpha$ 2- (blot B) and  $\beta$  (blot C) -adrenoreceptors with noradrenaline. The density of bands was normalized in relation to  $\beta$ -actin (ACTB). For mPTGES-1 antibody bands are visible at 16 kDa, for ACTB antibody at 42 kDa. marker: M; control value: (CV, untreated tissue); noradrenaline: NA; adrenoreceptors: ARs; antagonist: anta.