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Title page

Up-regulation of ASIC3 expression by β -estradiol

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Highlights:

- 17 β -estradiol (E2) up-regulates acid-sensing ion channel 3 (ASIC3) protein expression via estrogen receptor α .
- There are sex differences in ASIC3 expression in rat dorsal root ganglia (DRG). And ASIC3 protein expression in female rat DRG is higher than those in male rat DRG.
- ASIC3 protein expression in DRG decreases significantly after ovariectomy, but not after orchiectomy.

ABSTRACT

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