

The **osmoregulation** of the **arginine vasopressin** (AVP) neuron system is so precise that only 1-2% increases in serum Na levels significantly stimulate its release as well as the transcription of AVP gene in the SON and PVN ¹⁾.

¹⁾

Arima H, Kondo K, Kakiya S, Nagasaki H, Yokoi H, Yambe Y, et al. Rapid and sensitive vasopressin heteronuclear RNA responses to changes in plasma osmolality. J Neuroendocrinol, 1999; 11: 337-341.

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