

Species	Nesfatin-1 dose	Procedure	Injection site	Observed outcome	NUCB2 mRNA or NUCB2/nesfatin-1 protein	c-fos expression	Reference
Water intake							
Rat	25, 100 pmol		I.v.	↓water intake			Könczöl <i>et al.</i> 2012
Rat	60, 180 pmol		I.v.	↓water intake			Yosten & Samson 2009; Yosten & Samson 2010
	180, 540 pmol	Water drinking induced Water depriv.		↓water intake			Yosten <i>et al.</i> 2012
Rat	5 pmol 2 pmol		I.v. SFO	↑water intake		↓hypothalamus ↑SFO, PVN, CEA	Moreau & Ciriello 2013
Rat		Water depriv. or osmotic stimuli Water depriv. + rehydration			↑SFO, PVN, SON ↓SFO, PVN, SON		Yoshimura <i>et al.</i> 2014
Gastric distension and gastric acid secretion							
Rat	5, 50 pmol		I.v.	↓GE			Stengel <i>et al.</i> 2009
Rat	1, 10, 100 pmol		PVN, ARC	↓GE and GM			Guo <i>et al.</i> 2015; Li <i>et al.</i> 2013
Rat	5, 50, 500 pmol		BMA, CeA	↓GE and GM			Xu <i>et al.</i> 2015; Wang <i>et al.</i> 2014
Rat	50, 200 pmol	Gastric distension	4.v.	↓acid gastric secretion		↑DMNX ↑NTS	Xia <i>et al.</i> 2012 Bonnet <i>et al.</i> 2013
Mouse	300 pmol		I.v.	↓GE			Goebel-Stengel <i>et al.</i> 2011
Mouse	300, 1000 pmol (synthetic midsegment)		I.v.	↓GD motility			Atsuchi <i>et al.</i> 2010