

Hormones That Regulate Reproduction:

Gland	Hormone	Chemical Class	Function
Ovary		Steroid	Mating behavior, maintenance of female duct system
Testis	Testosterone		Precursor of estrogen, male mating behavior; spermatogenesis, maintenance of male duct system
	Progesterone	Steroid	
Anterior Pituitary		glycoprotein	Stimulate follicle growth, estrogen production, spermatogenesis in males
	LH	glycoprotein	Stimulates ovulation, supports CL formation, stimulates testosterone synthesis (Leydig cells)
Hypothalamus		Peptide	Stimulates release of LH & FSH from anterior pituitary
Posterior Pituitary	Oxytocin		Stimulates myometrial contractions for transporting sperm
Uterine Endometrium	PGF2a		