

HYPOTHALAMUS SECRETES:

5 releasing hormones & 2
inhibiting hormones

1. GnRH
2. GHRH
3. TRH
4. CRH
5. PRH
6. GHIH
7. PIH



ANTERIOR PITUITARY RESPONSE:

1. FSH & LH
2. GH
3. TSH
4. ACTH
5. Prolactin
6. Stops GH
7. Stops Prolactin



BODY'S RESPONSE:

FSH – egg & sperm maturation
LH – ovaries make estrogen, ovulation, and make corpus luteum,
testes make testosterone.

- tissue growth
- thyroid gland makes T3 & T4
- adrenal cortex makes cortisol
- milk production by mammary glands
- stops tissue growth
- no milk production by mammary glands