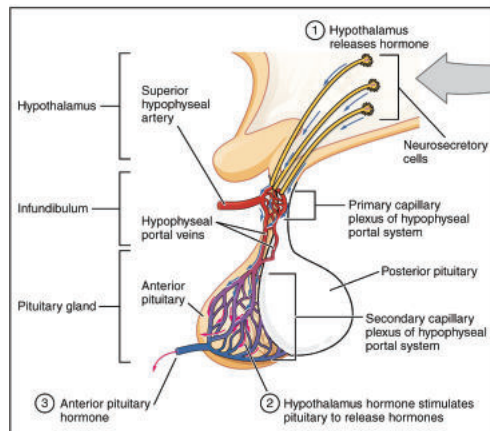


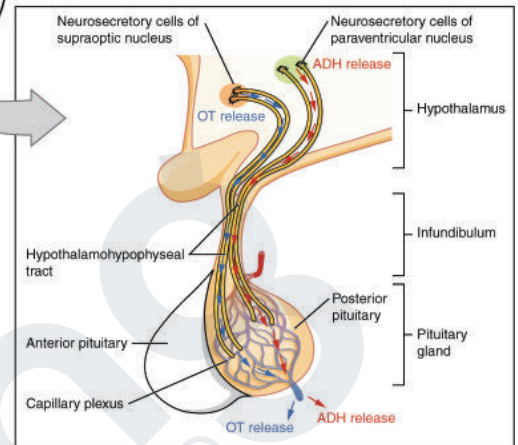
# PITUITARY GLAND

## Anterior Pituitary Gland



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 Web site. <http://cnx.org/contents/IgqATiKA@3/The-Pituitary-Gland-and-Hypoth.>  
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## Posterior Pituitary Gland



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Hormone	Function	Location
Antidiuretic Hormone (ADH)	Promotes retention of water in kidneys	Posterior Pituitary Gland
Oxytocin	<ul style="list-style-type: none"> <li>Stimulates uterine contraction during labor</li> <li>Promotes release of milk in lactating breast</li> </ul>	Posterior Pituitary Gland
Follicle Stimulating Hormone (FSH)	<ul style="list-style-type: none"> <li>Women - Produces eggs and secretes estrogen</li> <li>Men - Produce sperm</li> </ul>	Anterior Pituitary Gland
Luteinizing Hormone (LH)	<ul style="list-style-type: none"> <li>Women -                             <ul style="list-style-type: none"> <li>Stimulates late development of ovarian follicle</li> <li>Induces ovulation</li> <li>Makes corpus luteum</li> <li>Stimulates secretion of estrogens and progesterone</li> </ul> </li> <li>Men -                             <ul style="list-style-type: none"> <li>Stimulates Leydig cells in the testes to secrete testosterone</li> </ul> </li> </ul>	Anterior Pituitary Gland

# PITUITARY GLAND

Hormone	Function	Location
Adrenocorticotropic Hormone (ACTH)	<ul style="list-style-type: none"><li>Stimulates growth and maintenance of adrenal cortex</li><li>Stimulates production &amp; secretion of hormones from adrenal cortex</li></ul>	Anterior Pituitary Gland
Thyroid Stimulating Hormone (TSH)	<ul style="list-style-type: none"><li>Stimulates maintenance and health of thyroid gland</li><li>Stimulates production and secretion of 2/3 of thyroid hormones (T3 &amp; T4)</li></ul>	Anterior Pituitary Gland
Prolactin	<ul style="list-style-type: none"><li>Stimulates maintenance and health of thyroid gland</li><li>Stimulates production and secretion of 2/3 of thyroid hormones (T3 &amp; T4)</li></ul>	Anterior Pituitary Gland
Prolactin Inhibiting Hormone (PHI)	Prevents secretion of prolactin in non-pregnant females	Anterior Pituitary Gland