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**Antibody to Luteinizing Hormone Releasing Hormone (LHRH)  
RABBIT POLYCLONAL**

**Catalog Number:** AB-06  
**Quantity:** 100 microliters  
**Format:** Liquid antisera, no preservative  
**Host:** Rabbit  
**Immunogen:** Ovine-LHRH

**Background:**

Luteinizing Hormone Releasing Hormone (LHRH) is released by the hypothalamus and causes the anterior pituitary to release luteinizing hormone. LH regulates gonadal steroid hormone production. In males, LH acts on Leydig cells of testes to increase testosterone synthesis. In females, LH induces ovulation and stimulates production of progesterone and androgens.

**Specificity and Preparation:**

This antibody recognizes mammalian Luteinizing Hormone Releasing Hormone (LHRH). Ovine-LHRH was used as immunogen. This antibody is routinely tested by dot blot.

**Usage and Storage:**

Applications include immunostaining (1:200 to 1:600)<sup>1</sup>, immunoblotting (ATS in-house; 1:1,000) and radioimmunoassay (personal communication). Working dilutions must be determined by end user. Store the antibody at 4°C for one month or -20°C in undiluted aliquots for one year. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

**References:**

1. Bloch B, Gaillard RC, Brazeau P, Lin HD, Ling N (1984) Topographical and ontogenetic study of the neurons producing growth hormone-releasing factor in human hypothalamus. *Regul Pept* 8(1):21-31.

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