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**Biotin-labeled Antibody to Growth Hormone Releasing Hormone/Factor (GHRH/GHRF), Affinity-Purified  
RABBIT POLYCLONAL**

**Catalog Number:** BT-16AP  
**Quantity:** 50 micrograms  
**Format:** PBS (0.14 M Sodium Chloride; 0.003 M Potassium Chloride; 0.002 M Potassium Phosphate; 0.01 M Sodium Phosphate; pH 7.4), no preservative. Sterile-filtered.  
**Host:** Rabbit  
**Immunogen:** Synthetic hpGRF 1-40

**Background:**

Growth hormone-releasing factor (GRF) is a 44-amino-acid amidated peptide that stimulates the pituitary to release the 197-amino-acid protein growth hormone (GH or somatotropin). GRF is associated with neuronal cell bodies in the arcuate nucleus of the hypothalamus. GH acts as a general anabolic stimulant, increases release of insulin-like growth factor-I (IGF-I), cell growth and bone sulfation.

**Specificity and Preparation:**

This antibody recognizes the growth hormone releasing hormone/factor in rat. Synthetic hpGRF 1-40 was used as immunogen. The antibody was purified from polyclonal antiserum using a CRF affinity column. It has been conjugated to biotin via an amide bond. The antibody is routinely tested by immunoblotting.

**Usage and Storage:**

Applications include immunoblotting (ATS in-house; 1:1,000-1:10,000) and ELISA (ATS in-house; 1:1,000-1:10,000). Store the antibody at 4°C for one month or -20°C in undiluted aliquots for up to one year. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

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