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**Alexa488-labeled Antibody to Growth Hormone Releasing Hormone/Factor (GHRH/GHRF), Affinity-Purified
RABBIT POLYCLONAL**

Catalog Number: FL-16AP
Quantity: 50 micrograms
Format: 50% PBS (0.14 M Sodium Chloride; 0.003 M Potassium Chloride; 0.002 M Potassium Phosphate; 0.01 M Sodium Phosphate; pH 7.4), 50% glycerol; no preservative.
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 the fluorescent dye Alexa488. 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).

Gently spin down material before use; 5-10 seconds in a microfuge should be adequate. The material can be handled safely using normal laboratory precautions. See Lot Number for lot-specific storage instructions.

To view protocol(s) for this and other products please visit: www.ATSBio.com/support/protocols