



BMA BIOMEDICALS



Peninsula Laboratories

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**T-4374**

**Rabbit anti Growth Hormone Releasing Factor (30-44)  
(human) [UniProt: P01286]**

Growth hormone-releasing factor (GRF), also known as Somatocrinin, is a 44 amino acid peptide hormone produced in the arcuate nucleus of the hypothalamus. GRF stimulates growth hormone production and release by binding to the GRF receptor (GHRHR) on cells in the anterior pituitary.

This antibody was generated by immunization of rabbits with Growth Hormone Releasing Factor (30-44) coupled to a carrier protein.

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**TECHNICAL AND ANALYTICAL CHARACTERISTICS**

<b>Lot number:</b>	017844
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	400µg
<b>Format:</b>	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
<b>Stability:</b>	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
<b>Applications:</b>	This antibody has been tested and validated in ELISA against Growth Hormone Releasing Factor (30-44). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Synthetic peptide H-Gln-Gly-Glu-Ser-Asn-Gln-Glu-Arg-Gly-Ala-Arg-Ala-Arg-Leu-NH <sub>2</sub> coupled to a carrier protein.

**Cross-Reactivity:**

<b>PEPTIDE:</b>	<b>%:</b>
GRF (30-44) (human)	100
GRF (human)	100
GRF (porcine)	3.5
GRF (ovine, caprine)	0.01
GRF (1-29) amide (human)	0
GRF (1-37) (human)	0
GRF (1-40) (human)	0
GRF (rat)	0

Related Products:    T-4026: anti GRF (hu) purified IgG  
                          T-4375: anti GRF (30-44) (hu) neat antiserum  
                          T-4027: anti GRF (hu) neat antiserum  
                          T-4059: anti GRF (hu) diluted antiserum

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This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

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rabbit IgG

1.3.2021