



BMA BIOMEDICALS



Peninsula Laboratories

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## T-5007

### Guinea Pig anti Corticotropin Releasing Factor (CRF) (human, mouse, rat)

Corticotropin-Releasing Factor (CRF, also known as Corticoliberin) is a 41 amino acid peptide hormone derived from the 196-amino acid preprohormone. It is secreted in the hypothalamus in response to stress, and stimulates both the synthesis and the secretion of adrenocorticotrophic hormone (ACTH). CRF is also synthesized in peripheral tissues and placenta and it is known to suppress appetite and increase subjective feelings of anxiety.

This antibody was generated by immunization of guinea pigs with Corticotropin Releasing Factor coupled to a carrier protein.

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#### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	A21PO24082
<b>Host species:</b>	Guinea pig IgG
<b>Quantity:</b>	50µl
<b>Format:</b>	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum; does not contain any 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 in immunohistochemistry (IHC). Other applications like ELISA, FACS or Western Blot may work as well. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
	<b>Approximate working dilution for IHC:</b> Paraffin sections: (1:800) after proteinase K pretreatment. Optimal dilutions should be determined by the end user.
<b>Immunogen:</b>	Synthetic peptide H-Ser-Glu-Glu-Pro-Pro-Ile-Ser-Leu-Asp-Leu-Thr-Phe- His-Leu-Leu-Arg-Glu-Val-Leu-Glu-Met-Ala-Arg-Ala-Glu-Gln-Leu-Ala-Gln-Gln-Ala-His-Ser-Asn-Arg-Lys-Leu-Met-Glu-Ile-Ile-NH <sub>2</sub> coupled to carrier protein.

Related Products: T-4036: purified IgG, host: rabbit  
T-4037: neat antiserum, host: rabbit  
S-1169: ELISA, high sensitivity for extracted samples  
S-1181: ELISA, extraction-free for human serum and plasma samples  
S-1182: ELISA, extraction-free for rat serum and plasma samples  
S-1468: ELISA, extraction-free for mouse serum and plasma samples

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This product contains no 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.

T-5007

neat antiserum

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