BMA BIOMEDICALS

Peninsula Laboratories

Guinea pig anti Adrenocorticotropic Hormone (1-39)

Adrenocorticotropic Hormone (ACTH) is a 39 amino acid peptide hormone produced and secreted by cells of the anterior pituitary gland. It is an important component in therapeutic and diagnostic procedures. This hormone is central to the hypothalamic-pituitary-adrenal axis, a major neuroendocrine system that controls reactions to stress and regulates many body processes, including digestion, the immune system, mood and emotions, and energy metabolism.

This antibody was generated by immunization of guinea pigs with Adrenocorticotropic Hormone (1-39) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-5024 (Lot A15499)
Clonality:	Polyclonal
Host species:	Guinea pig
Reactivity:	Human
Quantity:	50µl
Format:	Neat undiluted antiserum, lyophilized. Reconstitute by adding 50µl of distilled water. This will give the equivalent of undiluted antiserum. Avoid vortexing.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Arg-Arg-Pro-Val-Lys-Val-Tyr-Pro-Asn-Val-Ala-Glu-Asn-Glu-Ser-Ala-Glu-Ala-Phe-Pro-Leu-Glu-Phe-OH (Disulfide bond) coupled to carrier protein.
Protein database:	human-P01189
Applications:	Tested in immunohistochemistry (IHC). Other applications like ELISA, FACS, and Western blot may work as well. Optimal dilutions should be determined by the end user Please see **www.bma.ch** for protocols and general information

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Related Products:

T-4001: Rabbit anti ACTH (1-39), purified IgG
T-4000: Rabbit anti ACTH (1-39), dilueted antiserum
S-1397: ELISA extraction-free for rat serum and plasma samples
S-1184: ELISA high sensitivity for extracted samples
S-1467: ELISA extraction-free for mouse serum and plasma samples

This product contains no preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.

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