



BMA BIOMEDICALS



Peninsula Laboratories

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## T-4126

### Rabbit anti Adrenocorticotrophic Hormone (18-39) (human)

Adrenocorticotrophic Hormone (ACTH) (18-39) fragment is known as the Corticotropin-like Intermediate Lobe Peptide. It stimulates insulin secretion as well as amylase and protein secretion in a dose-dependent manner similar to those of secretin and carbamylcholine.

This antibody was generated by immunization of rabbits with Adrenocorticotrophic Hormone (18-39) coupled to a carrier protein.

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#### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	A01390
<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 Adrenocorticotrophic Hormone (18-39). 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-Arg-Pro-Val-Lys-Val-Tyr-Pro-Asn-Gly-Ala-Glu-Asp-Glu-Ser-Ala-Glu-Ala-Phe-Pro-Leu-Glu-Phe-OH coupled to carrier protein.

**Cross-Reactivity:**

PEPTIDE:	%:
ACTH (18-39) (human)	100
ACTH (1-39) (human)	100
ACTH (1-24) (human, rat)	< 0.01
ACTH (rat)	100
$\alpha$ -MSH	100
ACTH (7-38) (human)	0
$\beta$ -MSH	0
CRF (human, rat)	0

Related Products: T-4127: anti ACTH (18-39), neat antiserum  
T-4125: anti ACTH (18-39), diluted antiserum  
S-1130: ELISA, high sensitivity for extracted samples, ACTH (1-39)  
S-1467: ELISA, extraction-free for mouse serum and plasma samples  
S-1397: ELISA, extraction-free for rat serum and plasma samples

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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.

T-4126

rabbit IgG – hu

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