



BMA BIOMEDICALS



Peninsula Laboratories

T-4121

Rabbit anti Adrenocorticotrophic Hormone (1-24) (human, bovine, mouse, ovine, porcine, rabbit, rat)

Adrenocorticotrophic Hormone (1-24) fragment derives from the full-length ACTH (1-39). It is conserved across the species and is known to activate the G proteins. Also, it possesses neurotropic activity as ACTH (1-39).

This antibody was generated by immunization of rabbits with Adrenocorticotrophic Hormone (1-24) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	n/a
Host species:	Rabbit IgG
Quantity:	50ml
Format:	This polyclonal antibody is supplied as a lyophilized powder. The powder should be rehydrated with 50ml of RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN ₃ , and 0.1% Triton X-100. Store at 4° - 8°C. This should ensure antibody stability for approximately one month.
Stability:	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.
Applications:	This antibody has been tested and validated in ELISA against Adrenocorticotrophic Hormone (1-24). Other applications like immunohistochemistry (IHC), FACS or 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.
Immunogen:	Synthetic peptide to H-Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-LysPro-Val-Gly-Lys-Lys-Arg-Arg-Pro-Val-Lys-Val-Tyr-Pro-OH (Disulfide bond) carrier protein.

Cross-Reactivity:

PEPTIDE	%
ACTH (1-24) (human, rat, bovine, mouse, ovine, porcine, rabbit)	100
ACTH (1-39) (human)	100
ACTH (6-24) (human, rat)	100
(Phe ² , Nle ⁴)-ACTH (1-24) (human, rat)	100
(ACTH) (1-17) (human, rat)	87
ACTH (1-39) (rat)	0
ACTH (1-10) (human, rat)	0
ACTH (1-13) (human, rat)	0

Related Products: T-4122: anti ACTH (1-24), purified IgG
T-4123: anti ACTH (1-24), neat antiserum
S-1185: ELISA, high sensitivity for extracted samples, ACTH (1-24)

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-4121

diluted antiserum – hu, bo, rt

17.8.2020