



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Adrenocorticotrophic Hormone (18-39)

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.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4126 (Lot A01390)
Clonality:	Polyclonal
Host species:	Rabbit IgG
Reactivity:	Human
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized. This stock solution contains 2mg/ml IgG, phosphate buffered saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative. Reconstitute by adding 0.2ml of distilled water.
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-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.
Protein database:	human-Q01718 , mouse-Q64326 , bovine-P34974

Cross-Reactivity:

PEPTIDE	%
ACTH (18-39) (human)	100
ACTH (1-39) (human)	100
ACTH (1-24) (human, rat)	< 0.01
ACTH (rat)	100
α-MSH	100
ACTH (7-38) (human)	0
β-MSH	0
CRF (human, rat)	0

Applications:

Tested in ELISA against ACTH (18-39) and in immunohistochemistry (IHC). Other applications like 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

Related Products:

T-4127: Rabbit anti ACTH (18-39), neat antiserum

T-4125: Rabbit anti ACTH (18-39), diluted antiserum

S-1130: ELISA high sensitivity for extracted samples

S-1467: ELISA extraction-free for mouse serum and plasma samples

S-1397: ELISA extraction-free for rat serum and plasma samples

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.