



BMA BIOMEDICALS



Peninsula Laboratories

T-4180

Rabbit anti Prepro-Atrial Natriuretic Factor (104-123) (human) [UniProt: P01160]

Prepro-ANF (104-123) increases renal guanylate cyclase activity. It has the strongest potassium excreting properties of all atrial natriuretic peptides in humans. In addition, this peptide has blood pressure-lowering and diuretic properties.

This antibody was generated by immunization of rabbits with Prepro-Atrial Natriuretic Factor (104-123) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	020455-2
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 Prepro-ANF (104-123). 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 H-Ser-Ser-Asp-Arg-Ser-Ala-Leu-Leu-Lys-Ser-Lys-Leu-Arg-Ala-Leu-Leu-Thr-Ala-Pro-Arg-OH coupled to carrier protein.

Cross-Reactivity:

PEPTIDE	%
Prepro-ANF (104-123) (human)	100
α -ANP (1-28) (human)	0
ANF (1-28) (rat)	0
BNP-26 (human)	0
Endothelin-1 (human, porcine, canine, rat, mouse, bovine)	0

Related Products: S-1434: ELISA (104-123) (hu), high sensitivity for extracted samples
T-4181: anti ANF (104-123) (hu), purified IgG
T-4182: anti ANF (104-123) (hu), neat antiserum

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.

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diluted antiserum – hu

9.9.2020