



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Prepro-Atrial Natriuretic Factor (104-123)

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

Catalog Number:	T-4180 (Lot 020455-2)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
Quantity:	1.0 ml
Format:	Diluted antiserum, lyophilized. This stock 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. Reconstitute by adding 1.0 ml 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-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.
Protein database:	<u>human-P01160</u>

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

Applications:

Tested in ELISA against Prepro-Atrial Natriuretic Factor (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 **bma.ch** for protocols and general information.

Related Products:

S-1434: ELISA (104-123), high sensitivity for extracted samples, (hu)

T-4181: anti ANF (104-123, purified IgG, (hu)

T-4182: anti ANF (104-123), neat antiserum, (hu)

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