



BMA BIOMEDICALS



Peninsula Laboratories

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

Prepro-Atrial Natriuretic Factor (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-4181 (Lot 961338)
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-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
ANF (1-28) (human)	0
ANF (rat)	0
BNP-26 (human)	0
Endothelin-1 (human, porcine, dog, rat, mouse, bovine)	0

Applications:

Tested in ELISA against Prepro-Atrial Natriuretic Factor (104-123) 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:

S-1434: ELISA high sensitivity for extracted samples (104-123)
T-4180: Rabbit anti ANF (104-123) diluted antiserum
T-4182: Rabbit anti ANF (104-123), neat antiserum
T-4172: Rabbit anti Prepro-ANF (26-55), diluted antiserum
T-4173: Rabbit anti ANF (26-55), purified antiserum
T-4174: Rabbit anti Prepro-ANF (26-55), neat antiserum
T-4176: Rabbit anti ANF (56-92), diluted antiserum
T-4178: Rabbit anti ANF (56-92), neat antiserum

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