



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Prepro-Atrial Natriuretic Factor (56-92)

Prepro-ANF (56-92) is one of four peptide hormones derived from the atrial natriuretic prohormone. It is also known as long acting natriuretic peptide and it has potent vasodilatory properties. Prepro-ANF (56-92) is present in higher concentration in individuals with congestive heart failure and causes the increase in prostaglandin E2 (PGE2) levels of the three peptides.

This antibody was generated by immunization of rabbits with Prepro-Atrial Natriuretic Factor (56-92) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4176 (Lot A08657)
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-Asn-Pro-Met-Tyr-Asn-Ala-Val-Ser-Asn-Ala-Asp-Leu-Met-Asp-Phe-Lys-Asn-Leu-Leu-Asp-His-Leu-Glu-Glu-Lys-Met-Pro-Leu-Glu-Asp-OH coupled to carrier protein.
Protein database:	<u>human-P01160</u>
Cross-Reactivity:	

PEPTIDE	%
Prepro-ANF (26-55) (human)	100
γ-ANF (1-25) (human)	100
α-ANP (1-28) (human)	0
ANF (1-28) (rat)	0
ANP (1-29) (chicken)	0
β-ANP (1-28) (Dimer, Antiparallel) (human)	0

Cross-Reactivity:

PEPTIDE	%
Prepro-ANF (56-92) (human)	0
BNP-32 (human)	0
CNP (32-53) (porcine, human, rat)	0
Atriopeptin III (rat)	0
Insulin (human)	0
rec IGF-1 (human)	0
Cardiodilatin (1-16) (human)	0

Applications:

Tested in ELISA against Prepro-ANF (56-92). 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:

T-4177: anti ANF (56-92), purified IgG, (hu)
T-4178: anti ANF (56-92), 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.