



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Prepro-Atrial Natriuretic Factor (26-92)

Atrial Natriuretic Factor (ANF) is a 28 amino acid polypeptide hormone secreted mainly by the heart atria in response to atrial stretch. ANF acts on the kidney to increase sodium excretion and GFR, to antagonize renal vasoconstriction, and to inhibit renin secretion. Prepro-ANF (26-92) is one of four peptide hormones derived from the atrial natriuretic prohormone.

This antibody was generated by immunization of rabbits with Prepro-ANF (26-92) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4604 (Lot A03818)
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 buffer 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.
Protein database:	<u>human-P01160</u>
Applications:	Tested in ELISA against Prepro-ANF (26-92) and in immunohistochemistry (IHC). Other applications like FACS and Western blot may work as well.
	Approximate working dilution for IHC: Paraffin sections: (1:800); pretreatment with Proteinase K for antigen retrieval is recommended.

Optimal dilutions should be determined by the end user.

Please see **www.bma.ch** for protocols and general information

Related Products:

T-4172: anti Prepro-ANF (26-55) (hu), diluted antiserum for RIA

T-4173: anti Prepro-ANF (26-55) (hu), purified IgG

T-4586: anti Prepro-ANF (26-92) (hu), 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.