BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti Prepro-Atrial Natriuretic Factor (104-116)

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.

This antibody was generated by immunization of rabbits with Prepro-Atrial Natriuretic Factor (104-116) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4734 (Lot A09028)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
Quantity:	50 µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 µl distilled water. This will give the equivalent of undiluted antiserum.
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-OH coupled to carrier protein.
Protein database:	n/a

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Applications:

Tested in immunohistochemistry (IHC) and ELISA against Prepro-Atrial Natriuretic Factor (104-116). Other applications like 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.

Approximate working dilution for IHC:
Frozen sections: not tested yet.
Paraffin sections: 1:500; recommended Proteinase K pre-treatment.

Related Products:

S-1434: ELISA (104-123) (hu), high sensitivity for extracted samples
T-4180: anti ANF (104-123) (hu), diluted antiserum
T-4181: anti ANF (104-123) (hu), purified IgG
T-4173: anti Prepro-ANF (26-55) (hu), diluted antiserum for RIA
T-4174: anti Prepro-ANF (26-55) (hu), purified IgG

This product contains no preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.

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