BMA BIOMEDICALS

Peninsula Laboratories

Guinea pig anti α-Atrial Natriuretic Factor (1-28)

Atrial Natriuretic Factor (ANF) is a 28 amino acid peptide hormone secreted mainly by the heart atria in response to atrial stretch. ANF acts on the kidney to increase sodium excretion and glomerular filtration rate (GFR), to antagonize renal vasoconstriction, and to inhibit renin secretion.

This antibody was generated by immunization of guinea pigs with Atrial Natriuretic Factor (1-28) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-5004 (Lot A15546)
Clonality:	Polyclonal
Host species:	Guinea pig
Reactivity:	Human, porcine, bovine
Quantity:	50µl
Format:	Neat undiluted antiserum, lyophilized. Reconstitute by adding 50µl of distilled water. This will give the equivalent of undiluted antiserum. Avoid vortexing.
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-Leu-Arg-Arg-Ser-Ser-Cys-Phe-Gly-Gly-Arg-Ile-Asp-Arg-Ile-Gly-Ala-Gln-Ser-Gly-Leu-Gly-Cys-Asn-Ser-Phe-Arg-Tyr-OH, (Disulfide bond) coupled to carrier protein.
Protein database:	Human-P01160, porcine-P24259, bovine-P07501
Applications:	Tested in ELISA against α-Atrial Natriuretic Factor (1-28). Other applications like immunohistochemistry (IHC), 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-1131: ELISA high sensitivity for extracted samples (hu, bo, po)
T-4010: Rabbit anti ANF (1-28), purified IgG (hu, bo, po)
T-5003: Guinea pig anti ANF (1-28), neat (hu, bo, po)

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

©2024 BMA BIOMEDICALS, Rheinstrasse 28-32, CH-4302 Augst, Switzerland
Phone: +41 61 811 6222, Email: info@bma.ch, www.bma.ch