

BP2191**Polyclonal Antibody to Atrial Natriuretic Factor (ANF) (ANP 1-28)
- Serum**

Alternate names:	ANP, Atrial Natriuretic Peptide, NPPA, PND, Prepronatriodilatin
Quantity:	0.1 ml
Background:	Atrial natriuretic factor (ANP) is a potent vasoactive substance which is thought to play a key role in cardiovascular homeostasis and has a cGMP stimulating activity. There are two different prepronatriodilatin alleles. One codes for 2 Arginine residues at the C terminus that are cleaved to form the mature peptide, while the other ends in a termination codon immediately after the last codon of the mature peptide. ANP belongs to the natriuretic peptide family.
Uniprot ID:	P01160
NCBI:	NP_006163.1
GeneID:	4878
Host:	Rabbit
Immunogen:	Synthetic Rat Atrial Natriuretic Polypeptide (28 amino acid sequence) covalently attached to a carrier protein.
Format:	State: Lyophilized neat serum without preservatives and stabilizers. Reconstitution: Restore with 0.1 ml of 10 mg/ml BSA in PBS for the equivalent of whole serum or with additional buffer for more dilute antisera.
Applications:	Immunocytochemical and Immunoprecipitation. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Cross-reactivity: Rat Atrial Natriuretic Peptide 100% Human Atrial Natriuretic Peptide 80% Human ACTH 0% Human Calcitonin 0% Human PTH (1-84) 0% Vasoactive Intestinal Peptide 0% Species: Rat. Other species not tested.
Storage:	Store Lyophilized at 2-8°C. Following reconstitution store at -20°C. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.