

Product datasheet for **TA363994**

ANP (NPPA) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Prepro- ANF (26-55). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
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.
Formulation:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Gene Name:	natriuretic peptide A
Database Link:	Entrez Gene 4878 Human P01160
Background:	Prepro-ANF (26-55) 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 (26-55) 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 (26-55) coupled to a carrier protein.
Synonyms:	ANF; ANP; ATRFB6; atriopeptin; cardionatrin; CDD-ANF; PND; prepronatriodilatin



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