

## Product datasheet for **TA363997**

### 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 (56-92). 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-Glu-Val-Val-Pro-Pro-Gln-Val-Leu-Ser-Glu-Pro-Asn- Glu-Glu-Ala-Gly-Ala-Ala-Leu-Ser-Pro-Leu-Pro-Glu-Val-Pro-Pro-Trp-Thr- Gly-Glu-Val-Ser-Pro-Ala-Gln-Arg-OH coupled to carrier protein.
Formulation:	This polyclonal antibody is supplied as a lyophilized powder. The powder should be rehydrated with 50ml of RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN3, and 0.1% Triton X-100. Store at 4° - 8°C. This should ensure antibody stability for approximately one month.
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:	<a href="#">Entrez Gene 4878 Human P01160</a>
Background:	Prepro-ANF (56-92) 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 (56-92) 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 (56-92) coupled to a carrier protein.



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**Synonyms:** ANF; ANP; ATRFB6; atriopeptin; cardionatrin; CDD-ANF; PND; prepronatriodilatin