

## Product datasheet for **TA364033**

### NPPC Rabbit Polyclonal Antibody

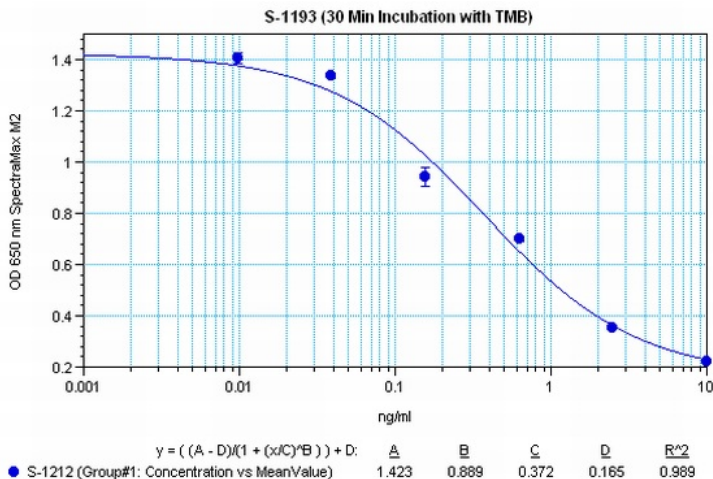
#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | ELISA   |
| Recommended Dilution: | This antibody has been tested and validated in ELISA against CNP. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.  |
| Reactivity:           | Human, Porcine, Rat   |
| Host:                 | Rabbit  |
| Clonality:            | Polyclonal  |
| Immunogen:            | Synthetic peptide H-Gly-Leu-Ser-Lys-Gly-Cys-Phe-Gly-Leu-Lys-Leu- Asp-Arg-Ile-Gly-Ser-Met-Ser-Gly-Leu-Gly-Cys-OH, (Disulfide bond) coupled to carrier protein.   |
| Formulation:          | Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.  |
| 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 C   |
| Database Link:        | <a href="#">Entrez Gene 4880 Human P23582</a>   |
| Background:           | C-type natriuretic peptide (CNP) (32-53) is a 22 amino acid peptide released by endothelial cells, cardiomyocytes and fibroblasts that regulates vital physiological functions in the cardiovascular system. CNP is part of a natriuretic peptide system, together with atrial natriuretic peptide (ANP) and brain natriuretic peptide (BNP). CNP not only modulates vascular tone and blood pressure, but also governs cardiovascular effects including the control of inflammation, angiogenesis, atherosclerosis, cardiomyocyte contractility, hypertrophy, fibrosis, and cardiac electrophysiology. This antibody was generated by immunization of rabbits with CNP coupled to a carrier protein. |
| Synonyms:             | CNP; CNP2; OTTHUMP00000203815   |



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Product images:



Typical titration curve of anti human CNP in a competitive ELISA with this antibody