

Product datasheet for **TA344667**

NPPC Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-Nppc antibody is: synthetic peptide directed towards the C-terminal region of Nppc. Synthetic peptide located within the following region: LLRDLRVDTKSRAAWARLLHEHPNARKYKGGNKKGLSKGCFGLKLDGRIGS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	14 kDa
Gene Name:	natriuretic peptide C
Database Link:	NP_077720 Entrez Gene 18159 Mouse P23582



[View online »](#)

Background:	This gene encodes a member of the natriuretic peptide family. Natriuretic peptides are involved in the control of blood pressure, extracellular fluid volume and electrolyte homeostasis. The encoded protein also plays a role in sensory neuron bifurcation, and is a critical regulator of endochondral bone growth. The encoded protein is a ligand for the natriuretic peptide receptor B, and is synthesized as a prohormone which is cleaved to produce a mature peptide. Mutations in this gene are associated with dwarfism resulting from impaired endochondral ossification.
Synonyms:	CNP; CNP2
Note:	Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Goat: 93%; Horse: 93%; Mouse: 93%; Sheep: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%
Protein Families:	Secreted Protein

Product images:

WB Suggested Anti-Nppc Antibody; Titration: 1.0 ug/ml; Positive Control: Mouse Brain