



## Peninsula Laboratories, LLC.

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### Cat. No. T-4015

## Rabbit Anti-Atrial Natriuretic Factor (1-28) (mouse, rabbit, rat)

### Specifications:

- Preparation:** This polyclonal antibody was collected from rabbits immunized with a synthetic peptide as the immunogen.
- Amount:** Each vial contains 50 ul of whole serum in lyophilized form. Reconstitute with 50 ul of distilled water for the equivalent of undiluted antiserum.
- Storage:** This antibody is supplied as a lyophilized powder. Store at 2° to 8°C upon receipt. For long-term storage, store lyophilized powder at -20°C. Once reconstituted, the materials should be stored frozen in aliquot at -20°C to -70°C. **Avoid repeated freeze/thaw cycles.**
- Applications:** Immunohistochemistry, Immunocytochemistry, and other applications.
- Sample Types:** The antibody can react with a variety of sample preparation including frozen tissue sections, paraffin embedded tissue sections and fixed cell cultures.

### Recommended starting dilution for Immunohistochemical staining:

Immunofluorescence: 1:250 to 1:16000

PAP or ABC: 1:250 to 1:16000

LAB-SA: 1:250 to 1:16000

It is advised for each laboratory to determine optimal dilutions for a specific application.

### Cross Reaction:

Peptide	%
ANF (1-28) (mouse, rabbit, rat)	100
ANF (1-28) (human, bovine, camel, canine, feline, equine, ovine, porcine, rorqual whale, tree shrew)	100
ANF (8-33) (rat)	100
Atriopeptin III (rat)	100
Urodilantin	100
ANF 18-28	60
β-ANP (1-28) (human)	50
γ-ANP (human)	40
Auriculin A (rat)	10
Atriopeptin II (rat)	5
ANP-21 (frog)	<0.1
ANP-24 (frog)	<0.01
BNP (porcine)	<0.001

Cross-Reactivity data is taken from Radioimmunoassay applications