



## Atrial Natriuretic Peptide (ANP) Data Sheet

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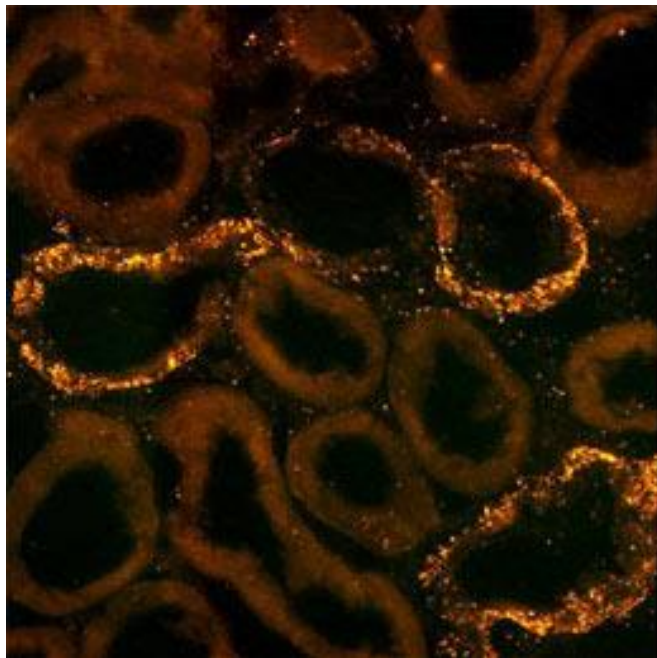
<b>Catalog Number:</b>	RA21009	<b>Host:</b>	Rabbit
<b>Product Type:</b>	Rabbit Polyclonal IgG	<b>Species Reactivity:</b>	Human, Mouse, and Rat
<b>Immunogen Sequence:</b>	Atrial natriuretic peptide (ANP) conjugated to BSA.	<b>Format:</b>	Lyophilized from 10 mM PBS.
<b>Applications:</b>	Immunohistochemistry: 5-10 ug/ml Immunofluorescence: 5-15 ug/ml		
<b>Storage:</b>	Dilutions listed as a recommendation. Optimal dilution should be determined by investigator. The product can be stored as supplied for up to 12 months at 2°C-4°C. After reconstitution, aliquot and store at -20°C for higher stability or at 4°C with an appropriate antibacterial agent. Avoid freeze thaw-cycles.		

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### Application Notes

#### Description/Data:

Atrial Natriuretic Peptide (ANP) is produced by cardiomyocytes and is secreted into the bloodstream. ANP acts on convoluted tubules in kidney reducing sodium absorption which results in reducing the blood pressure.



*Images: Immunohistochemical staining of Atrial Natriuretic Peptide (ANP) in rat convoluted tubules in kidney. 4% paraformaldehyde fixed rat kidney 10 µm thick cryostat sections were incubated with rabbit polyclonal antibody to of Atrial Natriuretic Peptide (ANP) at 10 µg/mL overnight at 4°C followed by incubation with Donkey anti-rabbit Rhodamine Red (pseudo-coloured yellow) conjugated secondary antibodies at 1:200.*

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Neuromics Antibodies • 5325 West 74<sup>th</sup> Street, Suite 8 • Edina, MN 55439  
phone 866-350-1500 • fax 612-677-3976 • e-mail: [pshuster@neuromics.com](mailto:pshuster@neuromics.com)