

# Product Datasheet

## Natriuretic Peptide Receptor C Antibody NBP1-97777

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-97777****Natriuretic Peptide Receptor C Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat Natriuretic Peptide Receptor C Antibody (NBP1-97777) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Natriuretic Peptide Receptor C Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	4883
<b>Gene Symbol</b>	NPR3
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The immunizing peptide represents the cytoplasmic part of the protein.
<b>Immunogen</b>	Peptide with sequence C-HRELREDSIRSHFS corresponding to C-Terminus according to NP_000899.1.

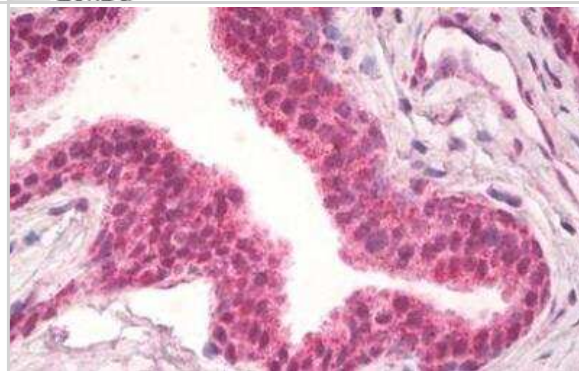
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 1 - 3 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 2-4 ug/ml, Peptide ELISA Detection limit 1:16000
<b>Application Notes</b>	Western blot: Approx 52kDa band observed in Human Placenta lysates (calculated MW of 59.8kDa according to NP_000899.1). IHC: In paraffin embedded Human Kidney shows staining of brush borders in select PCT. Recommended concentration, 2-4ug/ml.

## Images

Western Blot: Natriuretic Peptide Receptor C Antibody [NBP1-97777] - (1ug/ml) Analysis of Human Placenta lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa

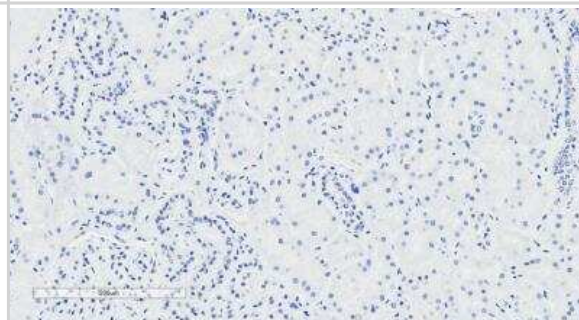
Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody [NBP1-97777] - (10ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody [NBP1-97777] - (2ug/ml) staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody [NBP1-97777] - Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.



## Publications

Shibasaki I, Nishikimi T, Mochizuki Y et al. Greater expression of inflammatory cytokines, adrenomedullin, and natriuretic peptide receptor-C in epicardial adipose tissue in coronary artery disease. Regul Pept 2010-12-10 [PMID: 20691218]



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### Products Related to NBP1-97777

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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