

# 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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### Publications: 1

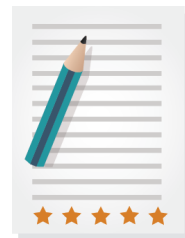
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**NBP1-97777****Natriuretic Peptide Receptor C Antibody**

| <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

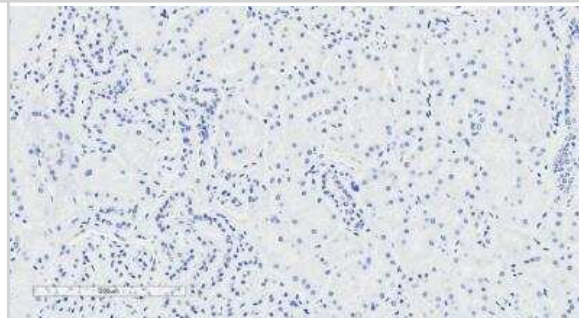
Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody [NBP1-97777] - (10ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



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

|                 |                                                                        |
|-----------------|------------------------------------------------------------------------|
| 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                                               |
| 10187-NR-050    | Natriuretic Peptide Receptor C [Unconjugated]                          |

### 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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