

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**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	4883
Gene Symbol	NPR3
Species	Human
Specificity/Sensitivity	The immunizing peptide represents the cytoplasmic part of the protein.
Immunogen	Peptide with sequence C-HRELREDSIRSHFS corresponding to C-Terminus according to NP_000899.1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 2-4 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	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

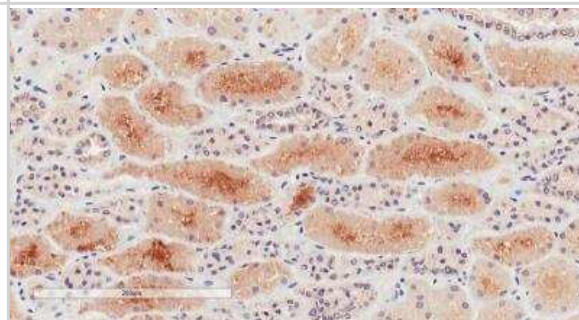
Western Blot: Natriuretic Peptide Receptor C Antibody [NBP1-97777] - (1ug/ml) Analysis of Human Placenta lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

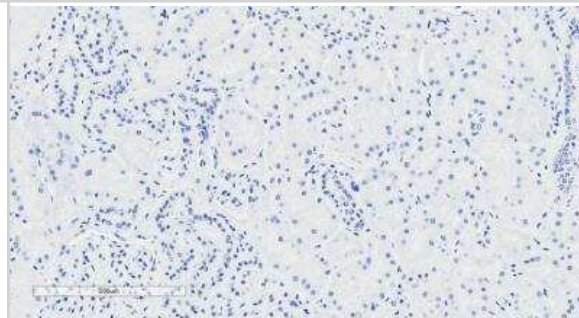
Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody [NBP1-97777] - (10ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



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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