

For Research Use Only

# NPR3 Polyclonal antibody

Catalog Number: 26706-1-AP

1 Publications



## Basic Information

Catalog Number:

26706-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 533 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19071

GenBank Accession Number:

BC131540

GeneID (NCBI):

4883

UNIPROT ID:

P17342

Full Name:

natriuretic peptide receptor

C/guanylate cyclase C

(atrionatriuretic peptide receptor C)

Calculated MW:

541 aa, 60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:100-1:400

## Applications

Tested Applications:

IHC, ELISA

Cited Applications:

IF, IHC

Species Specificity:

human

Cited Species:

human

Positive Controls:

IHC : human kidney tissue, human liver cancer tissue

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

Natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C), also known as NPR3, is an atrial natriuretic peptide receptor. The family of natriuretic peptides elicit a number of vascular, renal, and endocrine effects that are important in the maintenance of blood pressure and extracellular fluid volume. NPR3 has 3 isoforms with MWs of 37-60 kDa produced by alternative splicing, and may perform higher MW of 70 kDa with phosphorylation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Wenchang Lv	37076508	Sci Rep	IHC, IF

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

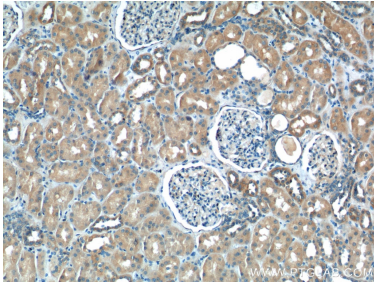
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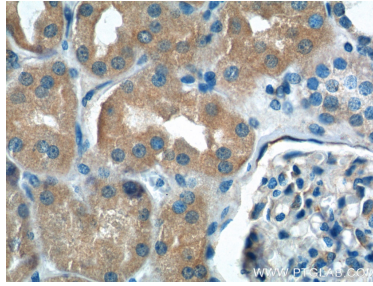
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 26706-1-AP (NPR3 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 26706-1-AP (NPR3 Antibody) at dilution of 1:200 (under 40x lens).