

For Research Use Only

NPR3 Polyclonal antibody

Catalog Number: 26706-1-AP **1 Publications**



Basic Information

Catalog Number: 26706-1-AP	GenBank Accession Number: BC131540	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 533 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4883	Recommended Dilutions: IHC 1:100-1:400
Source: Rabbit	Full Name: natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C)	
Isotype: IgG	Calculated MW: 541 aa, 60 kDa	
Immunogen Catalog Number: AG19071		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human kidney tissue, human liver cancer tissue
Cited Applications: IF, IHC	
Species Specificity: human	
Cited Species: human	
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

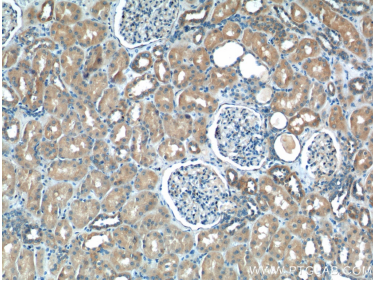
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

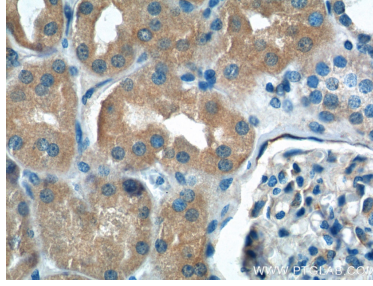
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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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).