

For Research Use Only

# PDGFC Polyclonal antibody

Catalog Number: 55076-1-AP

3 Publications



## Basic Information

### Catalog Number:

55076-1-AP

### Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 193 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_016205

### GeneID (NCBI):

56034

### UNIPROT ID:

Q9NRA1

### Full Name:

platelet derived growth factor C

### Calculated MW:

39 kDa

### Observed MW:

39 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IHC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse

### Cited Species:

human

### Positive Controls:

WB : MDA-MB-453s cells,

IHC : human kidney tissue, human colon tissue, human gliomas tissue, human thyroid 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

PDGFC is a member of the platelet-derived growth factor family. It is a monomeric protein secreted as a latent dimeric factor. Expression of PDGFC was highest in prostate, testis, and uterus, with weaker expression in spleen, thymus, and small intestine, and little expression in colon and peripheral blood leukocytes.

## Notable Publications

Author	Pubmed ID	Journal	Application
Meicen Zhou	34345214	Int J Biol Sci	WB
Xiang Li	35444287	Br J Cancer	WB
Mohammed Holkom	38566601	Oral Dis	WB

## Storage

### Storage:

Store at -20°C.

### Storage Buffer:

0.1M NaHCO<sub>3</sub>, 0.1M glycine, 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

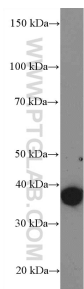
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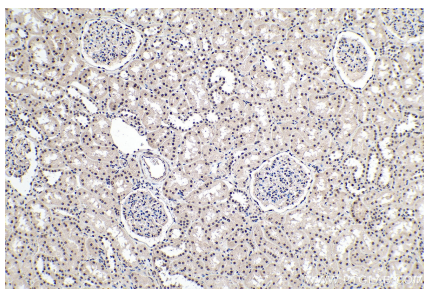
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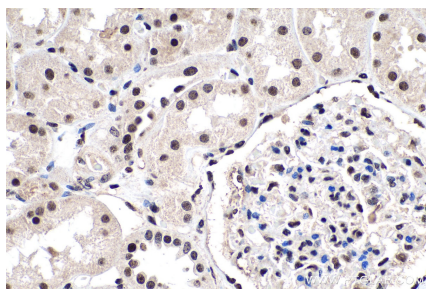
## Selected Validation Data



MDA-MB-453s cells were subjected to SDS PAGE followed by western blot with 55076-1-AP (PDGFC Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 55076-1-AP (PDGFC antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 55076-1-AP (PDGFC antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).