For Research Use Only

# PDGFC Polyclonal antibody

Catalog Number:55076-1-AP 2 Publications

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## Basic Information

Catalog Number:
55076-1-AP

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

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_016205

GeneID (NCBI):
56034

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:
IHC, WB, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse

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***

Positive Controls:

WB : MDA-MB-453s cells,

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

## 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 |

## Storage

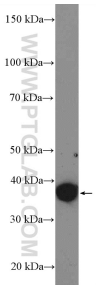
Storage:
Store at -20°C.
Storage Buffer:
0.1M NaHCO3, 0.1M glycine, 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

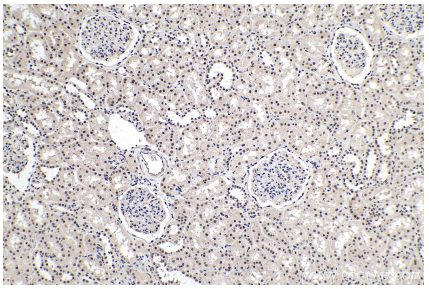
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

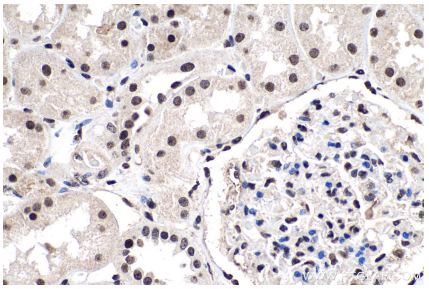
## Selected Validation Data




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).