

For Research Use Only

# CCM3/PDCD10 Polyclonal antibody

Catalog Number: 10294-2-AP

Featured Product

18 Publications



## Basic Information

### Catalog Number:

10294-2-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0348

### GenBank Accession Number:

BC002506

### GeneID (NCBI):

11235

### UNIPROT ID:

Q9BUL8

### Full Name:

programmed cell death 10

### Calculated MW:

25 kDa

### Observed MW:

25-30 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IHC, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

### Positive Controls:

WB : MCF-7 cells, PC-3 cells, Raji cells

IP : MCF-7 cells,

IHC : human colon 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

PDCD10, also named CCM3 and TFAR15, belongs to the PDCD10 family. PDCD10 promotes cell proliferation, increases MAPK activity and modulates apoptotic pathways. PDCD10 is important for cell migration and for normal structure and assembly of the Golgi complex. PDCD10 is required for normal angiogenesis, vasculogenesis and hematopoiesis during embryonic development, moreover, defects in PDCD10 showed abnormal cardiovascular development. Catalog#10294-2-AP is a rabbit polyclonal antibody raised against the full-length PDCD10 of human origin.

## Notable Publications

Author	Pubmed ID	Journal	Application
Bo Sun	34521817	Cell Death Dis	WB,IHC,IF,IP
Carmela Fusco	35741725	Genes (Basel)	WB
Angeliki Louvi	24595293	Development	WB

## 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

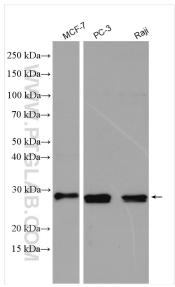
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

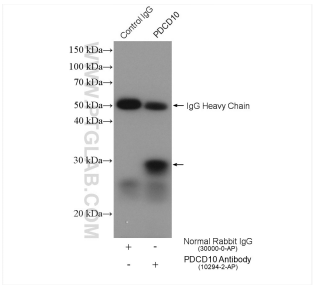
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

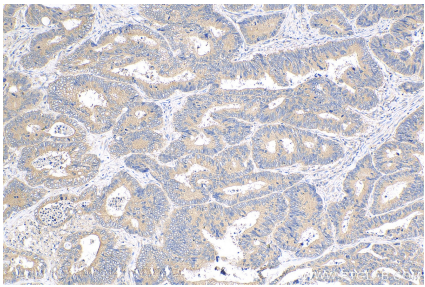
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10294-2-AP (CCM3/PDCD10 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



IP result of anti-CCM3/PDCD10 (IP:10294-2-AP, 4ug; Detection:10294-2-AP 1:500) with MCF-7 cells lysate 2120 ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10294-2-AP (CCM3/PDCD10 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).