

For Research Use Only

CCM3/PDCD10 Polyclonal antibody

Catalog Number: 10294-2-AP

Featured Product

20 Publications



Basic Information

Catalog Number:

10294-2-AP

Concentration:

400 µg/ml

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 µg 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

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

IP : MCF-7 cells,

IHC : human colon cancer tissue,

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

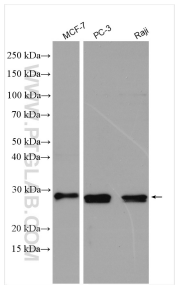
T: 4006900926

E: Proteintech-CN@ptglab.com

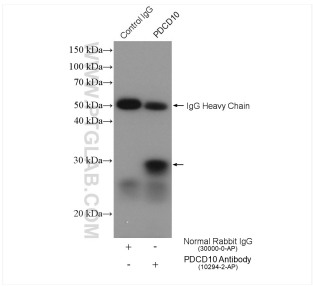
W: ptgcn.com

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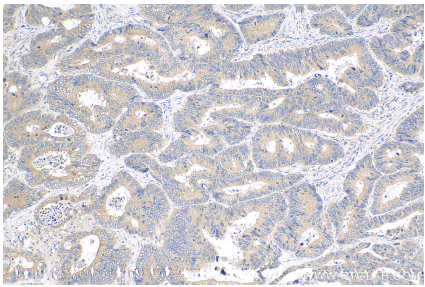
Selected Validation Data



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).