

## CCM3/PDCD10 Polyclonal Antibody

Catalog number: 10294-2-AP

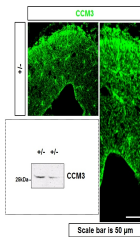
Size: 48 µg/150 µl

Source: Rabbit

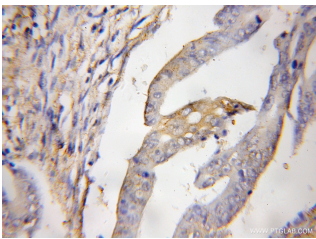
Isotype: IgG

Synonyms:

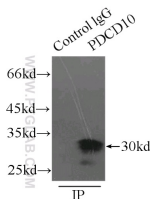
PDCD10; CCM3, PDCD10,  
programmed cell death 10,  
TFAR15



WB and IF result of CCM3 antibody (courtesy of Dr. Shah, University of Muenster). IF note: E15 mouse brain cortex was PFA fixed, the sections were antigen retrieved with Na-citrate buffer (pH 6) and blocked with NGS and Triton X100. 1:150 dilution of CCM3 antibody was used with overnight incubation of sections at 4 degrees. Secondary anti-Rabbit conjugated to AF488 was used to detect the staining.



Immunohistochemical of paraffin-embedded human colon cancer using 10294-2-AP (PDCD10 antibody) at dilution of 1:50 (under 10x lens)



IP Result of anti-PDCD10 (IP:10294-2-AP, 3µg; Detection:10294-2-AP 1:300) with mouse skeletal muscle tissue lysate 7500ug.

### Background

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.

### Applications

Tested applications:	ELISA, WB, IHC, IP, IF
Cited applications:	IF, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse, rat
Calculated CCM3/PDCD10 MW:	25 kDa
Observed CCM3/PDCD10 MW:	25-30 kDa
Positive WB detected in	K-562 cells, HeLa cells, rat skin tissue
Positive IP detected in	Mouse skeletal muscle tissue
Positive IHC detected in	Human colon cancer tissue, human liver cancer tissue
Positive IF detected in	Mouse brain
Recommended dilution:	WB: 1:200-1:1000 IP: 1:200-1:1000 IHC: 1:20-1:200 IF: 1:100-1:500

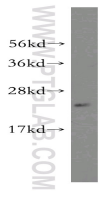
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag0348
GenBank accession number:	BC002506
Gene ID (NCBI):	11235
Full name:	Programmed cell death 10

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



**K-562 cells were subjected to SDS PAGE followed by western blot with 10294-2-AP(PDCD10 antibody) at dilution of 1:300**