

For Research Use Only

PDP1 Polyclonal antibody

Catalog Number: 21176-1-AP **5 Publications**



Basic Information

Catalog Number: 21176-1-AP	GenBank Accession Number: BC047619	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54704	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: protein phosphatase 2C, magnesium-dependent, catalytic subunit	IHC 1:50-1:500
Isotype: IgG	Calculated MW: 537 aa, 61 kDa	
Immunogen Catalog Number: AG15453	Observed MW: 53-61 kDa	

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

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 : PC-3 cells, mouse skeletal muscle tissue, mouse brain tissue, mouse heart tissue, mouse liver tissue

IP : mouse brain tissue,

IHC : human prostate cancer tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Xiao Meng Zhang	33062708	J Diabetes Res	WB
Yingying Shi	34489398	Cell Death Dis	WB
Jian-Sha Li	31346986	Curr Med Sci	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

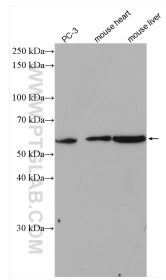
For technical support and original validation data for this product please contact:

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

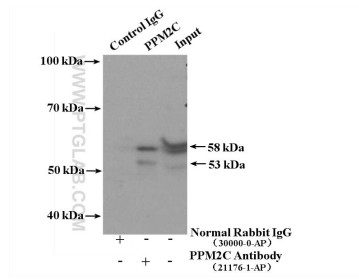
E: proteintech@ptglab.com
W: ptglab.com

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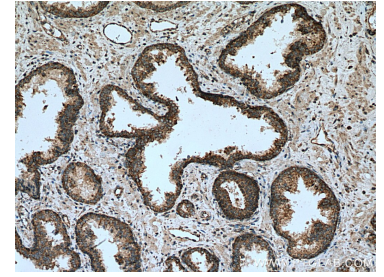
Selected Validation Data



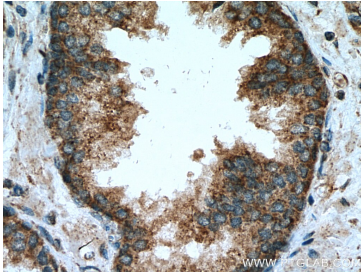
Various lysates were subjected to SDS PAGE followed by western blot with 21176-1-AP (PPM2C antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP Result of anti-PPM2C (IP:21176-1-AP, 4ug; Detection:21176-1-AP 1:300) with mouse brain tissue lysate 5200ug.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 21176-1-AP (PPM2C antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 21176-1-AP (PPM2C antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).