

For Research Use Only

PPM1L Polyclonal antibody

Catalog Number: 18203-1-AP

1 Publications



Basic Information

Catalog Number:

18203-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 287 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12775

GenBank Accession Number:

BC104885

GeneID (NCBI):

151742

UNIPROT ID:

Q5SGD2

Full Name:

protein phosphatase 1 (formerly 2C)-like

Calculated MW:

26 kDa, 41 kDa

Observed MW:

41-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

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 : mouse kidney tissue,

IHC : human kidney tissue, human heart tissue

Background Information

PPM1L (Protein phosphatase 1L) is also named as PP2CE. It belongs to the PP2C group of serine/threonine phosphatases, which are distinguished from other phosphatases by their structure, absolute requirement for Mg(2+) or Mn(2+), and insensitivity to okadaic acid. It has 4 isoforms produced by alternative splicing. This antibody is specific to PPM1L.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoman Zhu	36096985	Cell Death Dis	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

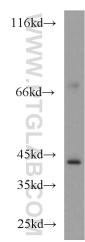
For technical support and original validation data for this product please contact:

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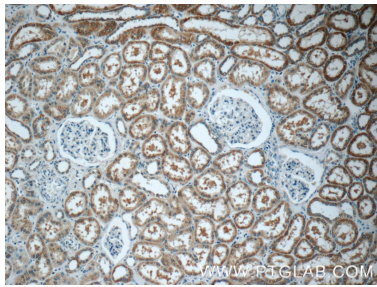
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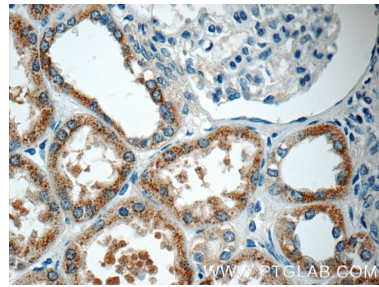
Selected Validation Data



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 18203-1-AP (PPM1L antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18203-1-AP (PPM1L Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18203-1-AP (PPM1L Antibody) at dilution of 1:50 (under 40x lens).