

For Research Use Only

# PPP3R2 Polyclonal antibody

Catalog Number: 14005-1-AP

4 Publications



## Basic Information

### Catalog Number:

14005-1-AP

### Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5097

### GenBank Accession Number:

BC030595

### GeneID (NCBI):

5535

### UNIPROT ID:

Q96LZ3

### Full Name:

protein phosphatase 3 (formerly 2B), regulatory subunit B, beta isoform

### Calculated MW:

20 kDa

### Observed MW:

20 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, IF, IHC

### Species Specificity:

human, mouse

### Cited Species:

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 : mouse testis tissue,

IP : mouse testis tissue,

IHC : human testis tissue, human prostate cancer tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Souvik Dey	31914663	FASEB J	IF, IHC, WB
Haruhiko Miyata	34446558	Proc Natl Acad Sci U S A	IF
Jiali Zheng	32712088	Eur J Pharmacol	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

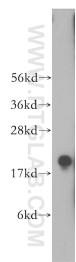
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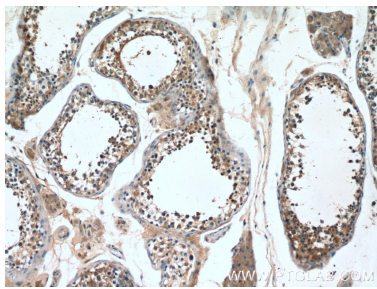
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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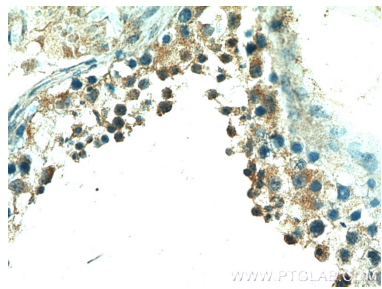
Selected Validation Data



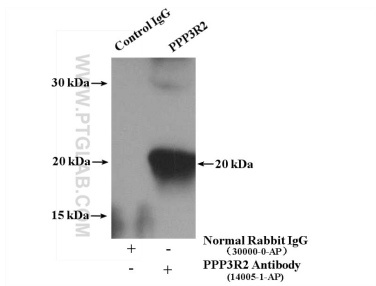
mouse testis tissue were subjected to SDS PAGE followed by western blot with 14005-1-AP (PPP3R2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 14005-1-AP (PPP3R2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 14005-1-AP (PPP3R2 Antibody) at dilution of 1:200 (under 40x lens).



IP result of anti-PPP3R2 (IP:14005-1-AP, 4ug; Detection:14005-1-AP 1:500) with mouse testis tissue lysate 4000 ug.