

For Research Use Only

# PSMA8 Polyclonal antibody

Catalog Number: 14022-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

14022-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 380 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5138

### GenBank Accession Number:

BC042820

### GeneID (NCBI):

143471

### UNIPROT ID:

Q8TAA3

### Full Name:

proteasome (prosome, macropain) subunit, alpha type, 8

### Calculated MW:

29 kDa

### Observed MW:

28 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:200-1:500

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse, rat

### 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: Jurkat cells, K-562 cells, mouse thymus tissue, HeLa cells, rat thymus tissue

IHC: human testis tissue, mouse testis tissue

IF/ICC: HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhiming Li	35736136	Nucleic Acids Res	WB
Laura Gómez-H	31437213	PLoS Genet	IF
Yiling Zhou	39704931	Sci China Life 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

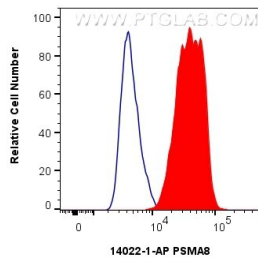
For technical support and original validation data for this product please contact:

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

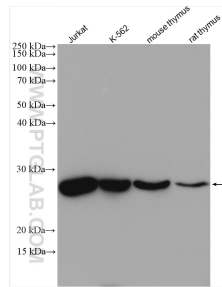
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

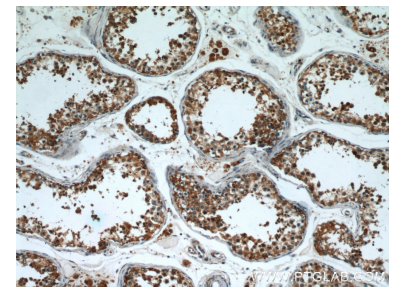
## Selected Validation Data



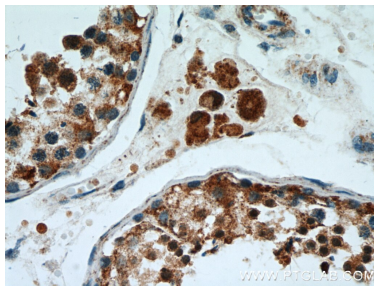
1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.25 ug PSMA8 Polyclonal antibody (14022-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Various lysates were subjected to SDS PAGE followed by western blot with 14022-1-AP (PSMA8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



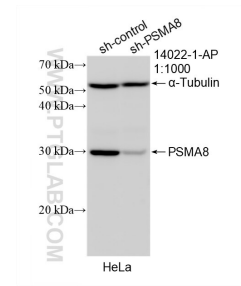
Immunohistochemical analysis of paraffin-embedded human testis using 14022-1-AP (PSMA8 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 14022-1-AP (PSMA8 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using PSMA8 antibody 14022-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



WB result of PSMA8 antibody (14022-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PSMA8 transfected HeLa cells.