

For Research Use Only

# ZER1 Polyclonal antibody

Catalog Number: 16647-1-AP



## Basic Information

### Catalog Number:

16647-1-AP

### Size:

150ul , Concentration: 700 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG10031

### GenBank Accession Number:

BC052563

### GeneID (NCBI):

10444

### UNIPROT ID:

Q7Z7L7

### Full Name:

zer-1 homolog (C. elegans)

### Calculated MW:

766 aa, 88 kDa

### Observed MW:

80-88 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 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Species Specificity:

human, mouse, rat

**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, rat testis tissue, mouse testis tissue

IP : mouse testis tissue,

IHC : human testis tissue, human ovary tissue

## 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

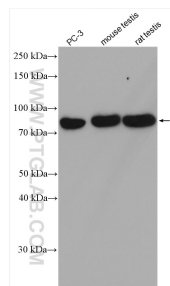
For technical support and original validation data for this product please contact:

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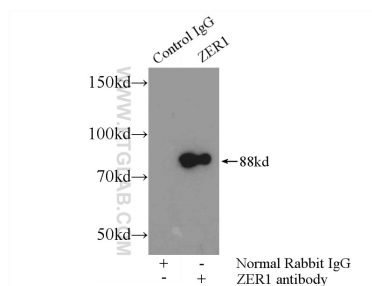
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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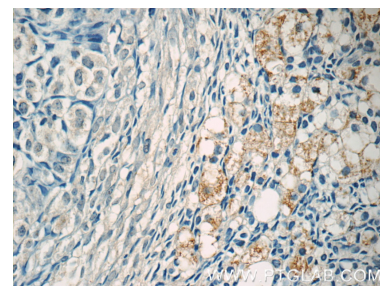
## Selected Validation Data



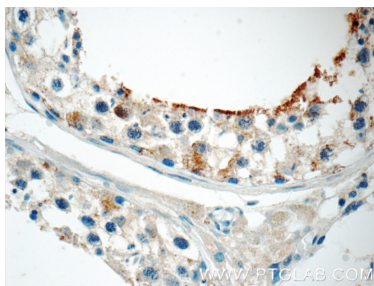
Various lysates were subjected to SDS PAGE followed by western blot with 16647-1-AP (ZER1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-ZER1 (IP:16647-1-AP, 3ug; Detection:16647-1-AP 1:300) with mouse testis tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human ovary tissue slide using 16647-1-AP (ZER1 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 16647-1-AP (ZER1 Antibody) at dilution of 1:50 (under 40x lens).