

For Research Use Only

# ZER1 Polyclonal antibody

Catalog Number: 16647-1-AP



## Basic Information

**Catalog Number:**

16647-1-AP

**Size:**

700 µg/ml

**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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, IP, WB, 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

## Background Information

### 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

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

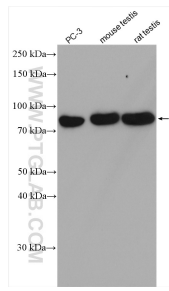
T: 4006900926

E: Proteintech-CN@ptglab.com

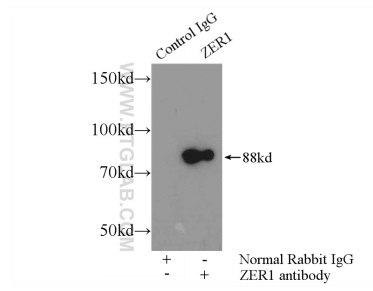
W: ptgcn.com

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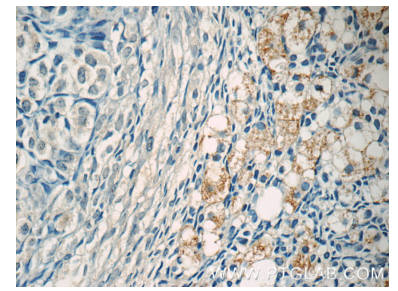
## Selected Validation Data



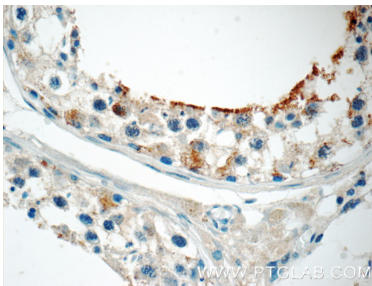
Various lysates were subjected to SDS PAGE followed by western blot with 16647-1-AP (ZER1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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



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).