

For Research Use Only

# ZBPB Polyclonal antibody

Catalog Number: 15835-1-AP



## Basic Information

### Catalog Number:

15835-1-AP

### Size:

260 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8585

### GenBank Accession Number:

BC005223

### GeneID (NCBI):

11055

### UNIPROT ID:

Q9BS86

### Full Name:

zona pellucida binding protein

### Calculated MW:

351 aa, 40 kDa

### Observed MW:

34 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

## Applications

### Tested Applications:

IP, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

IP: mouse testis tissue,

## Background Information

ZBPB (also known as ZBPB1), named for its binding to the oocyte zona pellucida, is a spermatid and spermatozoon protein that localizes to the acrosome. ZBPB may be implicated in gamete interaction during fertilization. It has been reported that absence of ZBPB1 prevents acrosome compaction and leads to acrosome fragmentation and sterility in male mice. (PMID: 17664285; 19204925)

## 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:

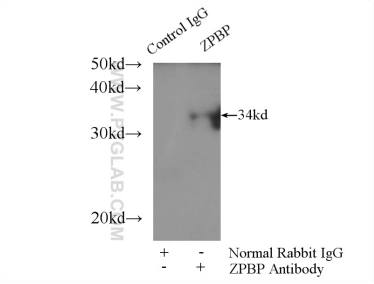
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

Selected Validation Data



IP result of anti-ZPBP (IP:15835-1-AP, 3ug;  
Detection:15835-1-AP 1:300) with mouse testis  
tissue lysate 2800ug.