

For Research Use Only

# DAZ4 Polyclonal antibody

Catalog Number: 14065-1-AP



## Basic Information

### Catalog Number:

14065-1-AP

### Size:

200 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5116

### GenBank Accession Number:

BC047617

### GeneID (NCBI):

57135

### UNIPROT ID:

Q86SG3

### Full Name:

deleted in azoospermia 4

### Calculated MW:

65 kDa

### Observed MW:

60-65 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB : mouse testis tissue, human testis tissue, rat testis tissue

## Background Information

DAZ4, encoded by the DAZ gene, is an RNA-binding protein with a role in spermatogenesis. DAZ4 is a testis-specific protein that expression restricted to premeiotic germ cells, particularly in spermatogonia. Defects in DAZ4 may be a cause of spermatogenic failure Y-linked type 2 (SPGFY2). It is a disorder resulting in the absence (azoospermia) or reduction (oligozoospermia) of sperm in the semen, leading to male infertility.

## 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:

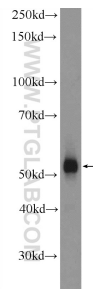
T: 4006900926

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

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## Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 14065-1-AP (DAZ4 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.