

For Research Use Only

# DAZ4 Polyclonal antibody

Catalog Number: 14065-1-AP



## Basic Information

|  |   |  |
|--|---|--|
| <b>Catalog Number:</b><br>14065-1-AP       | <b>GenBank Accession Number:</b><br>BC047617                        | <b>Purification Method:</b><br>Antigen affinity purification       |
| <b>Size:</b><br>200 ug/ml                  | <b>GeneID (NCBI):</b><br>57135                                      | <b>Recommended Dilutions:</b><br>WB 1:500-1:1000<br>IHC 1:50-1:500 |
| <b>Source:</b><br>Rabbit                   | <b>UNIPROT ID:</b><br>Q86SG3  |  |
| <b>Isotype:</b><br>IgG                     | <b>Full Name:</b><br>deleted in azoospermia 4                       |  |
| <b>Immunogen Catalog Number:</b><br>AG5116 | <b>Calculated MW:</b><br>65 kDa<br><b>Observed MW:</b><br>60-65 kDa |  |

## Applications

|   |   |
|---|---|
| <b>Tested Applications:</b><br>WB, IHC, ELISA   | <b>Positive Controls:</b>   |
| <b>Species Specificity:</b><br>human, mouse, rat  | <b>WB :</b> mouse testis tissue, human testis tissue, rat testis tissue |
| <b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> | <b>IHC :</b> human stomach 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:

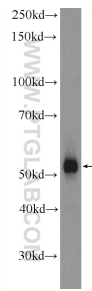
T: 4006900926

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

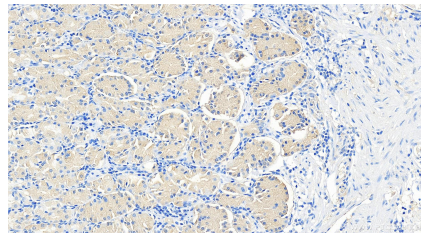
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## Selected Validation Data



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.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 14065-1-AP (DAZ4 antibody) at dilution of 1:120 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).