

## Product datasheet for **TA344234**

### DAZ1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DAZ1 antibody: synthetic peptide directed towards the N terminal of human DAZ1. Synthetic peptide located within the following region: MSAANPETPNSTISREASTQSSSAAASQGWVLPEGKIVPNTVFVGIDAR
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	64 kDa
Gene Name:	deleted in azoospermia 1
Database Link:	<a href="#">NP_004072</a> <a href="#">Entrez Gene 1617 Human</a> <a href="#">Q9NQZ3</a>



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**Background:**

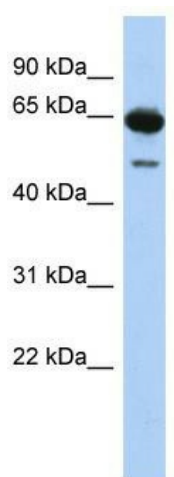
DAZ1 is a RNA-binding protein that plays an essential role in spermatogenesis. DAZ1 may act by binding to the 3' UTR of mRNAs and regulating their translation. This gene is a member of the DAZ gene family and is a candidate for the human Y-chromosomal azoospermia factor (AZF). Its expression is restricted to premeiotic germ cells, particularly in spermatogonia. It encodes an RNA-binding protein that is important for spermatogenesis. Four copies of this gene are found on chromosome Y within palindromic duplications; one pair of genes is part of the P2 palindrome and the second pair is part of the P1 palindrome. Each gene contains a 2.4 kb repeat including a 72-bp exon, called the DAZ repeat; the number of DAZ repeats is variable and there are several variations in the sequence of the DAZ repeat. Each copy of the gene also contains a 10.8 kb region that may be amplified; this region includes five exons that encode an RNA recognition motif (RRM) domain. This gene contains three copies of the 10.8 kb repeat. However, no transcripts containing three copies of the RRM domain have been described; thus the RefSeq for this gene contains only two RRM domains. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

**Synonyms:**

DAZ; SPGY

**Note:**

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Goat: 93%; Rabbit: 85%; Rat: 79%

**Product images:**


WB Suggested Anti-DAZ1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: Jurkat cell lysate