

Datasheet for ABIN2787798  
**anti-DAZ1 antibody (N-Term)**[Go to Product page](#)[1 Image](#)[1 Publication](#)

## Overview

Quantity:	100 µL
Target:	DAZ1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Goat, Pig, Rabbit, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAZ1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DAZ1
Sequence:	MSAANPETPN STISREASTQ SSSAAASQGW VLPEGKIVPN TVFVGGIDAR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 85%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against DAZ1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	DAZ1
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## Target Details

Alternative Name: DAZ1 ([DAZ1 Products](#))

**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.

Alias Symbols: DAZ, SPGY

Protein Interaction Partner: DZIP1L, BOLL, PUM2, DZIP1, QKI, DAZL, UBC, DAZ1, DZIP3, DAZAP2, DAZAP1, DYNLL1,

Protein Size: 579

Molecular Weight: 64 kDa

Gene ID: 1617

NCBI Accession: [NM\\_004081](#), [NP\\_004072](#)

UniProt: [Q9NQZ3](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 579 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

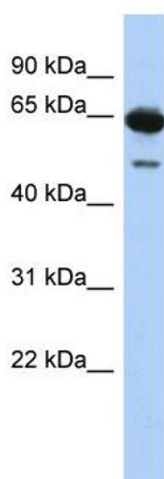
## Handling

Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in:	Stouffs, Tournaye, Van der Elst, Haentjens, Liebaers, Lissens: "Do we need to search for gr/gr deletions in infertile men in a clinical setting?" in: <b>Human reproduction (Oxford, England)</b> , Vol. 23, Issue 5, pp. 1193-9, (2008) ( <a href="#">PubMed</a> ).
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## Images



### Western Blotting

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