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Datasheet for ABIN951839  
**anti-DAZ3 antibody (C-Term)**

2 Images

Overview

Quantity:	0.4 mL
Target:	DAZ3
Binding Specificity:	AA 396-426, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAZ3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 396-426 amino acids from the C-terminal region of Human DAZ3. Genename: DAZ3
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human DAZ3 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	DAZ3
Alternative Name:	DAZ3 ( <a href="#">DAZ3 Products</a> )

## Target Details

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**Background:** 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 one copy of the 10.8 kb repeat. Synonyms: Deleted in azoospermia protein 3

**Molecular Weight:** 54989 Da

**Gene ID:** 57054

**NCBI Accession:** [NP\\_065097](#)

## Application Details

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**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** PBS, 0.09 % Sodium Azide

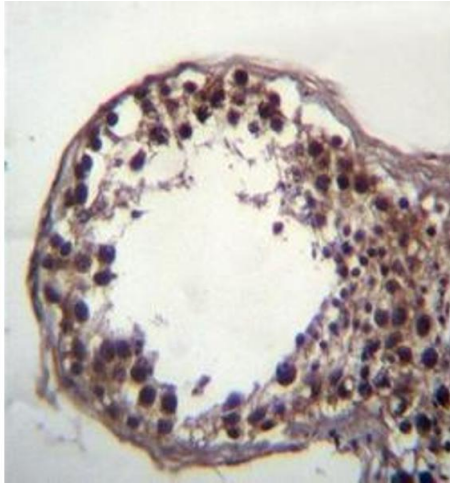
**Preservative:** Sodium azide

**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 freezing and thawing.

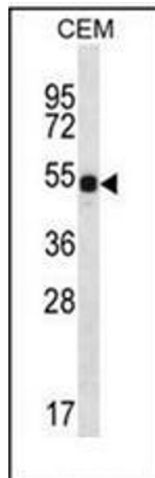
**Storage:** 4 °C/-20 °C

**Storage Comment:** Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin fixed, paraffin embedded human testis tissue stained with DAZ3 (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



### Western Blotting

#### Image 2.

Western blot analysis of DAZ3 Antibody (C-term) Cat.-No AP51187PU-N in CEM cell line lysates (35ug/lane). This demonstrates the DAZ3 antibody detected the DAZ3 protein (arrow).