

Datasheet for ABIN656487

**anti-DAZ4 antibody (AA 90-119)****2** Images[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	DAZ4
Binding Specificity:	AA 90-119
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAZ4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This DAZ4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-119 amino acids from the Central region of human DAZ4.
Clone:	RB31069
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	DAZ4
Alternative Name:	DAZ4 ( <a href="#">DAZ4 Products</a> )
Background:	This gene is a member of the DAZ gene family and is a candidate for the human Y-

## Target Details

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 two copies of the 10.8 kb repeat. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq].

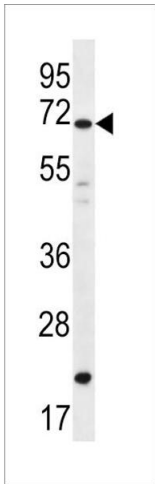
Molecular Weight:	64785
Gene ID:	57135
NCBI Accession:	<a href="#">NP_001005375</a> , <a href="#">NP_065153</a>
UniProt:	<a href="#">Q86SG3</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C, -20 °C
Storage Comment:	DAZ4 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** DAZ4 Antibody (Center) (ABIN656487 and ABIN2845764) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DAZ4 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

**Western Blotting**

**Image 2.** DAZ4 Antibody (Center) (ABIN656487 and ABIN2845764) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the DAZ4 antibody detected the DAZ4 protein (arrow).