

Product datasheet for **AP51187PU-N**

DAZ3 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 396-426 amino acids from the C-terminal region of Human DAZ3.
Specificity:	This antibody recognizes Human DAZ3 (C-term).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	deleted in azoospermia 3
Database Link:	Entrez Gene 57054 Human Q9NR90



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Background:

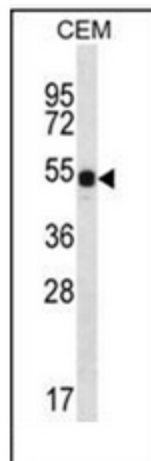
This gene is a member of the DAZ gene family and is a candidate for the human Y-chromosomal azoospermia factor (AZF). Its expression is restricted to premeiotic germ cells, particularly in spermatogonia. It encodes an RNA-binding protein that is important for spermatogenesis. Four copies of this gene 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:

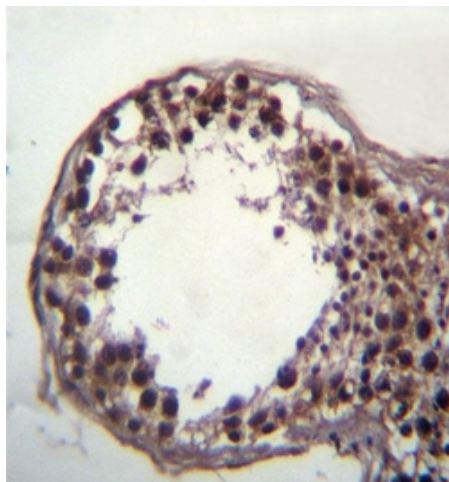
Deleted in azoospermia protein 3

Note:

Molecular Weight: 54989 Da

Product images:

Western blot analysis of DAZ3 Antibody (C-term) in CEM cell line lysates (35ug/lane). This demonstrates the DAZ3 antibody detected the DAZ3 protein (arrow).



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