

Rabbit anti-Human DAZ3 Polyclonal Antibody | anti-DAZ3 antibody

DAZ3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287461	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

DAZ3; Polyclonal Antibody; DAZ3 Antibody (C-term); Deleted in azoospermia protein 3; anti-DAZ3 antibody

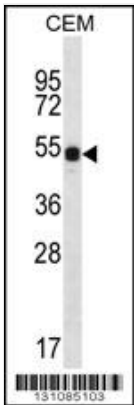
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DAZ3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 445-474 amino acids from the C-terminal region of human DAZ3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	445-474
Sequence Length	438
Applicable Applications for anti-DAZ3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
DAZ3 Antibody (C-term) 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 DAZ3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



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

ADDITIONAL INFORMATION

Related Product Information for anti-DAZ3 antibody	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.
References	Kim, B., et al. Hum. Reprod. 24(6):1507-1515(2009) Lardone, M.C., et al. Fertil. Steril. 88(5):1318-1326(2007) A, Z.C., et al. Yi Chuan 28(9):1057-1060(2006) Kuo, P.L., et al. Fertil. Steril. 81(4):1034-1040(2004) Ferlin, A., et al. Fertil. Steril. 81(4):1013-1018(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	54292110
NCBI GeneID	57054
NCBI Accession #	NP_065097.2
NCBI GenBank Nucleotide #	NM_020364.3
UniProt Accession #	Q9NR90; Q2KHN7
Molecular Weight	54989
NCBI Official Full Name	deleted in azoospermia protein 3
NCBI Official Synonym Full Names	deleted in azoospermia 3
NCBI Official Symbol	DAZ3

NCBI Official Synonym Symbols	pDP1679
NCBI Protein Information	deleted in azoospermia protein 3
UniProt Protein Name	Deleted in azoospermia protein 3
UniProt Gene Name	DAZ3
UniProt Entry Name	DAZ3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/daz3-antibody-immunohistochemistry-western-blot-elisa/287461>