



## Anti-DAZ3 (aa 387-438) polyclonal antibody (DPAB-DC2561)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	DAZ3 (NP_065097, 387 a.a. ~ 438 a.a) partial recombinant protein with GST tag. The sequence is YPNSAVQVTTGYQFHVYNYQMPPQCPVGEQRRNLWTEAYKWWYLVCLIQRRD
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

<b>Gene Name</b>	<a href="#">DAZ3 deleted in azoospermia 3 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	DAZ3
<b>Synonyms</b>	DAZ3; deleted in azoospermia 3; pDP1679; deleted in azoospermia protein 3;
<b>Entrez Gene ID</b>	<a href="#">57054</a>
<b>Protein Refseq</b>	<a href="#">NP_065097</a>
<b>UniProt ID</b>	<a href="#">Q9NR90</a>
<b>Chromosome Location</b>	Yq11.223
<b>Function</b>	RNA binding; nucleotide binding;