



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

Antigen Description

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.

Immunogen

DAZ3 (NP_065097, 387 a.a. ~ 438 a.a) partial recombinant protein with GST tag.

The sequence is

YPNSAVQVTGYQFHVYNYQMPPQCPVGEQRRNLWTEAYKWWYLVCLIQRRD

Source/Host

Mouse

Species Reactivity

Human

Conjugate

Unconjugated

Applications

WB (Cell lysate), WB (Recombinant protein), ELISA,

Size

50 µl

Buffer

50 % glycerol

Preservative

None

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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