

DNAxPAb

Hard-to-Find
Antibody

DAZ4 DNAxPab

Catalog # H00057135-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DAZ4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSAANPETPNSTISREASTQSSSAAASQGWVLPEGKIVPNTVFVGGIDARMDETEIGSCFGRYGS VKEVKIITNRTGVSKGYGFVSFVNDVDVQKIVGSQIHFGKKLKLGPARKQKLCARHVQPRPLVV NPPPPPQFQNVWRNPNTETYLQPQITPNPVTQHVQAYSAYPHSPGQVITGCQLLVYNYQEYPTYP DSAFQVTTGYQLPVYNYQPFPAYPSPFQVTAGYQLPVYNYQAFPAYPNSPFQVATGYQFPVYNY QPFPAYPSSPFQVTAGYQLPVYNYQAFPAYPNSPFQVATGYQFPVYNYQAFPAYPNSPVQVTTGY QLPVYNYQAFPAYPNSAVQVTTGYQFHVYNYQMPPQCPVGEQRRNLWTEAYKWWYLVCLIQRRD
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — DAZ4

Entrez GeneID [57135](#)

GeneBank Accession# [NM_020420.2](#)

Protein Accession# [NP_065153.1](#)

Gene Name DAZ4

Gene Alias DAZ, DAZ1, pDP1680, pDP1681

Gene Description deleted in azoospermia 4

Gene Ontology [Hyperlink](#)

Gene Summary

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

Other Designations deleted in azoospermia 1

Disease

- [Oligospermia](#)