DAZL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DAZL, Polyclonal Antibody
Full Product Name	DAZL Antibody, FITC conjugated
Product Gene Name	anti-DAZL antibody
Product Synonym Names	Deleted in azoospermia-like; DAZ homolog; DAZ-like autosomal; Deleted in azoospermia-like 1; SPGY-like-autosomal; DAZL; DAZH; DAZL1; DAZLA; SPGYLA
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: DAZL (MBS7048001) FITC Conjugated Antibody: DAZL (MBS7048003)
Molecular Weight	35,224 Da
OMIM	U65918 mRNA
3D Structure	ModBase 3D Structure for Q92904
Immunogen	Recombinant Human Deleted in azoospermia-like protein (130-250AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	FITC
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-27333
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-DAZL antibody	ELISA (EIA)
Related Product Information for anti-DAZL antibody	RNA-binding protein, which is essential for gametogenesis in both males and females. Plays a central role during spermatogenesis. Acts by binding to the 3'-UTR of mRNA, specifically recognizing GUU triplets, and thereby regulating the translation of key transcripts (By similarity).
Other Notes	Small volumes of anti-DAZL antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DAZL purchase	MBS7048003 is an antibody targeting DAZL. Also known as DAZL Antibody, FITC conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DAZL. It may not necessarily be applicable to this product.

NCBI GI #	299829262
NCBI GeneID	1618
NCBI Accession #	NP_001177740.1
UniProt Primary Accession #	Q92904
UniProt Secondary Accession #	O15396; Q5HYB4; Q92909
UniProt Related Accession #	Q92904
GenBank Nucleotide #	NM_001190811.1
NCBI Official Full Name	deleted in azoospermia-like isoform 1
NCBI Official Synonym Full Names	deleted in azoospermia like
NCBI Official Symbol	DAZL
NCBI Official Synonym Symbols	DAZH; DAZL1; DAZLA; SPGYLA
UniProt Protein Name	Deleted in azoospermia-like
UniProt Synonym Protein Names	DAZ homolog; DAZ-like autosomal; Deleted in azoospermia-like 1; SPGY-like-autosomal
Protein Family	Deleted in azoospermia
UniProt Gene Name	DAZL
UniProt Synonym Gene Names	DAZH; DAZL1; DAZLA; SPGYLA
UniProt Entry Name	DAZL_HUMAN
NCBI Protein Information	deleted in azoospermia-like
NCBI Summary for DAZL	The DAZ (Deleted in AZoospermia) gene family encodes potential RNA binding proteins that are expressed in prenatal and postnatal germ cells of males and females. The protein encoded by this gene is localized to the nucleus and cytoplasm of fetal germ cells and to the cytoplasm of developing oocytes. In the testis, this protein is localized to the nucleus of spermatogonia but relocates to the cytoplasm during meiosis where it persists in spermatids and spermatozoa. Transposition and amplification of this autosomal gene during primate evolution gave rise to the DAZ gene cluster on the Y chromosome. Mutations in this gene have been linked to severe spermatogenic failure and infertility in males. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]
UniProt Comments for DAZL	DAZL: RNA-binding protein, which is essential for gametogenesis. Plays a central role during spermatogenesis. May act by binding to the 3'-UTR of mRNA and thereby regulating the translation of key transcripts. Homodimer and heterodimer. Forms a heterodimer with DAZ. Interacts with BOLL, DAZAP1 and DAZAP2. Interacts with PUM2. Testis specific. Belongs to the RRM DAZ family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Translation Chromosomal Location of Human Ortholog: 3p24.3 Molecular Function: mRNA 3'-UTR binding; protein binding; RNA binding; translation activator activity Biological Process: germ cell development; positive regulation of translational initiation
Research Articles on DAZL	**1.** DAZL was not expressed either in normal cultures or lesions from cervixes with papillomavirus infections and cervical intraepithelial neoplasia.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/dazl/7048003