



Anti-DAZL (full length) polyclonal antibody (DPAB-DC705)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	DAZL (AAH27595, 1 a.a. ~ 295 a.a) full-length recombinant protein with GST tag. The sequence is MSTANPETPNSTISREASTQSSAATSQGYILPEGKIMPNTVFVGGIDVRMDETEIRSFF ARYGSVKEVKIITDRTGVSKGYGFVSFFNDVDVQKIVESQINFHGKKLKGPAIRKQNL AYHVQPRPLVFVNHPPPPQFQNVWTNPNTETYMQPPTTMNPITQYVQAYPTYPNSPVQVIT GYQLPVVNYQMPPQWPVGEQRSYVPPAYSAVNYHCNEVDPGAEVVPNECSVHEATPPSG NGPQKKSVDRSIQTVSCLFNPNENRLRNSVTQDDYFKDKRHHFRRSRAMLKSV
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	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	DAZL deleted in azoospermia-like [Homo sapiens (human)]
Official Symbol	DAZL
Synonyms	DAZL; deleted in azoospermia-like; DAZH; DAZL1; DAZLA; SPGYLA; DAZ homolog; DAZ-like autosomal; SPGY-like-autosomal; deleted in azoospermia-like 1; germline specific RNA binding protein; spermatogenesis gene on the Y-like autosomal;
Entrez Gene ID	1618
Protein Refseq	NP_001177740
UniProt ID	Q92904
Chromosome Location	3p24.3
Pathway	Ovarian Infertility Genes;
Function	RNA binding; identical protein binding; mRNA 3-UTR binding; nucleotide binding
