

DAZ Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP7739a**Specification**

DAZ Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O9NQZ3](#)**DAZ Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 1617**Other Names**

Deleted in azoospermia protein 1, DAZ1, DAZ, SPGY

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7739a](/products/AP7739a) was selected from the N-term region of humanZ. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DAZ Antibody (N-term) Blocking Peptide - Protein Information**Name** DAZ1**Synonyms** DAZ, SPGY**Function**

RNA-binding protein that plays an essential role in spermatogenesis. May act by binding to the 3'-UTR of mRNAs and regulating their translation. Promotes germ-cell progression to meiosis and formation of haploid germ cells.

Cellular Location

Cytoplasm. Nucleus. Note=Predominantly cytoplasmic. Nuclear at some stages of spermatozoide development. Localizes both to the nuclei and cytoplasm of spermatozoide differentiation. Nuclear in fetal gonocytes and in spermatogonial nuclei. It then relocates to the cytoplasm during male meiosis

Tissue Location

Testis-specific. Expression restricted to premeiotic germ cells, particularly in spermatogonia (at protein level).

DAZ Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

DAZ Antibody (N-term) Blocking Peptide - Images**DAZ Antibody (N-term) Blocking Peptide - Background**

DAZ is a member of the DAZ 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 is an RNA-binding protein that is important for spermatogenesis.

DAZ Antibody (N-term) Blocking Peptide - References

Huang,W.J., Hum. Reprod. 23 (6), 1280-1289 (2008)Lardone,M.C., Mol. Hum. Reprod. 13 (10), 705-712 (2007)