

Phospho-DAZL(Y276) Antibody Blocking peptide
Synthetic peptide
Catalog # BP3640a

Specification

Phospho-DAZL(Y276) Antibody Blocking peptide - Product Information

Primary Accession [Q92904](#)

Phospho-DAZL(Y276) Antibody Blocking peptide - Additional Information

Gene ID 1618

Other Names

Deleted in azoospermia-like, DAZ homolog, DAZ-like autosomal, Deleted in azoospermia-like 1, SPGY-like-autosomal, DAZL, DAZH, DAZL1, DAZLA, SPGYLA

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP3640a](/products/AP3640a) was selected from the region of human Phospho-DAZL-pY276. 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.

Phospho-DAZL(Y276) Antibody Blocking peptide - Protein Information

Name DAZL

Synonyms DAZH, DAZL1, DAZLA, SPGYLA

Function

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).

Cellular Location

Cytoplasm. Nucleus. Note=Predominantly cytoplasmic. Nuclear in spermatogonia until near the end of the meiotic prophase and cytoplasmic localization from then onward.

Tissue Location

Testis specific.

Phospho-DAZL(Y276) Antibody Blocking peptide - Protocols

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

- [Blocking Peptides](#)

Phospho-DAZL(Y276) Antibody Blocking peptide - Images

Phospho-DAZL(Y276) Antibody Blocking peptide - Background

The DAZ (Deleted in AZoospermia) family are potential RNA binding proteins that are expressed in prenatal and postnatal germ cells of males and females. DAZL 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.

Phospho-DAZL(Y276) Antibody Blocking peptide - References

Zerbetto, I., Fertil. Steril. 90 (6), 2264-2268 (2008) Stefanidis, K., Fertil. Steril. 90 (3), 798-804 (2008)