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SPT16 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP5595a

Specification

SPT16 Antibody (N-term) Blocking peptide - Product Information

Primary Accession	Q9BXB7
Other Accession	NP_114161.3

SPT16 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 83893

Other Names
Spermatogenesis-associated protein 16, Testis development protein NYD-SP12, SPATA16

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.

SPT16 Antibody (N-term) Blocking peptide - Protein Information

Name SPATA16

Function
Essential for spermiogenesis and male fertility (By similarity). Involved in the formation of sperm acrosome during spermatogenesis.

Cellular Location
Golgi apparatus. Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250|UniProtKB:Q8C636}. Note=Shift from Golgi to sperm acrosome. {ECO:0000250|UniProtKB:Q8C636}

Tissue Location
Expressed in testis..

SPT16 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

SPT16 Antibody (N-term) Blocking peptide - Images

SPT16 Antibody (N-term) Blocking peptide - Background

SPATA16 is involved in the formation of sperm acrosome, which implicated its potential role in spermatogenesis and sperm-egg fusion. Defects in SPATA16 are a cause of globozoospermia; also called Round-headed spermatozoa.

SPT16 Antibody (N-term) Blocking peptide - References

Dam, A.H., et al. Am. J. Hum. Genet. 81(4):813-820(2007)Zhang, Q., et al. J. Mol. Evol. 65(2):154-161(2007)Lu, L., et al. Asian J. Androl. 8(1):53-59(2006)Xu, M., et al. Mol. Hum. Reprod. 9(1):9-17(2003)