

BOLL Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16329a

Specification

BOLL Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q8N9W6](#)

BOLL Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 66037

Other Names

Protein boule-like, BOLL, BOULE

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.

BOLL Antibody (N-term) Blocking Peptide - Protein Information

Name BOLL

Synonyms BOULE

Function

Probable RNA-binding protein, which may be required during spermatogenesis. May act by binding to the 3'-UTR of mRNAs and regulating their translation (By similarity).

Cellular Location

Cytoplasm

Tissue Location

Testis specific. Not expressed in early embryos, primordial germ cells and spermatogonial cells. First expressed in the cytoplasm of spermatocytes and then persists through meiosis

BOLL Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

BOLL Antibody (N-term) Blocking Peptide - Images

BOLL Antibody (N-term) Blocking Peptide - Background

BOLL belongs to the DAZ gene family required for germcell development. It encodes an RNA-binding protein which is moresimilar to Drosophila Boule than to human proteins encoded by genesDAZ (deleted in azoospermia) or DAZL (deleted in azoospermia-like).Loss of this gene function results in the absence of sperm in semen(azoospermia). Histological studies demonstrated that the primarydefect is at the meiotic G2/M transition.

BOLL Antibody (N-term) Blocking Peptide - References

Chen, P., et al. J. Androl. 31(2):163-168(2010)Kee, K., et al. Nature 462(7270):222-225(2009)Lin, Y.M., et al. J. Clin. Endocrinol. Metab. 94(7):2650-2657(2009)Bilguvar, K., et al. Nat. Genet. 40(12):1472-1477(2008)Lamesch, P., et al. Genomics 89(3):307-315(2007)