

**BOLL Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16329a****Specification**

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**BOLL Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q8N9W6</a>
Other Accession	<a href="#">Q8WP23</a> , <a href="#">NP_149019.1</a> , <a href="#">NP_932074.1</a>
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	31301
Antigen Region	23-51

**BOLL Antibody (N-term) - Additional Information****Gene ID** 66037**Other Names**

Protein boule-like, BOLL, BOULE

**Target/Specificity**

This BOLL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 23-51 amino acids from the N-terminal region of human BOLL.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

BOLL Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**BOLL Antibody (N-term) - 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

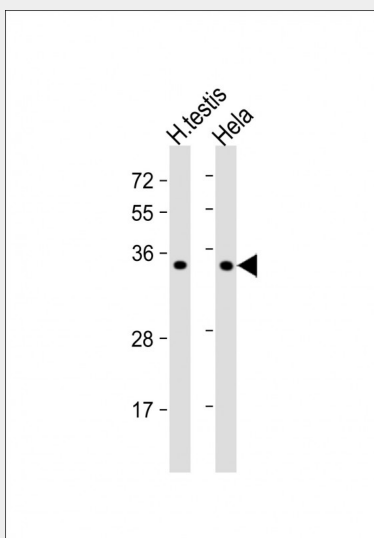
Testis specific. Not expressed in early embryos, primordial germ cells and spermatogonial cells. First expressed in the cytoplasm of spermatocytes and then persists through meiosis

### BOLL Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### BOLL Antibody (N-term) - Images



All lanes : Anti-BOLL Antibody (N-term) at 1:1000 dilution Lane 1: human testis lysate Lane 2: HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 31 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

### BOLL Antibody (N-term) - Background

BOLL belongs to the DAZ gene family required for germ cell development. It encodes an RNA-binding protein which is more similar to Drosophila Boule than to human proteins encoded by genes

DAZ (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 primary defect is at the meiotic G2/M transition.

#### **BOLL Antibody (N-term) - 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)