

BOLL polyclonal antibody

Catalog # PAB6469

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of BOLL.
Immunogen	A synthetic peptide corresponding to human BOLL.
Sequence	C-QPEPIKTVWSIHY
Host	Goat
Theoretical MW (kDa)	32.6, 31.3
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — BOLL

Entrez GeneID [66037](#)

Protein Accession# [NP_932074.1;NP_149019.1](#)

Gene Name BOLL

Gene Alias -

Gene Description bol, boule-like (Drosophila)

Omim ID [606165](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene 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. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]

Other Designations boule

Publication Reference

- [A gene family required for human germ cell development evolved from an ancient meiotic gene conserved in metazoans.](#)

Xu EY, Moore FL, Pera RA.

PNAS 2001 Jun; 98(13):7414.

Application: ICC, IHC, WB-Ti, Human, Human testis sections, Mouse testis sections

Disease

- [Azoospermia](#)
- [Infertility](#)
- [Oligospermia](#)