



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06074 - Goat Anti-BOULE / BOLL Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BOLL, bol, boule-like (Drosophila), BOULE, boule

**Official Symbol:** BOLL

**Accession Number(s):** NP\_932074.1; NP\_149019.1

**Human GeneID(s):** [66037](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_932074.1; NP\_149019.1).

### Immunogen

Peptide with sequence C-QPEPIKTVWSIH<sub>Y</sub>, from the C Terminus of the protein sequence according to NP\_932074.1; NP\_149019.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Preliminary experiments gave an approx 22kDa band in Human Testis lysates after 1.5 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 32.6kDa according to NP\_932074.1 and 31.3kDa according to NP\_149019.1. The 22kDa band was successfully blocked by incubation with the immunizing peptide. However, literature reports a 36kDa band in Human and Mouse Testes (PMID: 11390979 ). Have any further splice variants/modified forms been reported?

**IHC:** In paraffin embedded Human Testis shows cytoplasm staining in spermatocytes, but not in spermatogonia. Recommended concentration, 4-6µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog, Cow

EB06074 (4µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.