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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 GenelD(s): 66037

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_932074.1; NP_149019.1).

Immunogen

Peptide with sequence C-QPEPIKTVWSIHY, 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.

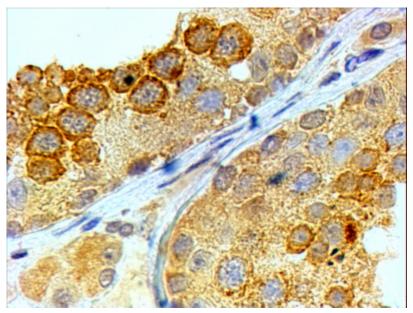
Western blot: Preliminary experiments gave an approx 22kDa band in Human Testis lysates after 1.5 μ g/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 32.6kDa according to NP_932074.1 and 31.3kDa according 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.