

Goat anti-BOULE / BOLL Antibody

Item Number	dAP-0606
Target Molecule	Principle Name: BOULE / BOLL; Official Symbol: BOLL; All Names and Symbols: BOLL; bol, boule-like (Drosophila); BOULE; boule; Accession Number (s): NP_932074.1; NP_149019.1; Human Gene ID(s): 66037; Non-Human GenID(s):
Immunogen	QPEPIKTVWSIHY, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_932074.1; NP_149019.1).
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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.
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows cytoplasm staining in spermatocytes, but not in spermatogonia. Recommended concentration, 4-6µg/ml.
Reference	Reference(s): Xu EY, Moore FL, Pera RA. A gene family required for human germ cell development evolved from an ancient meiotic gene conserved in metazoans. Proc Natl Acad Sci U S A. 2001 Jun 19;98(13):7414-9.. PMID: 11390979 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**