

## Anti-BOULE/BOLL Antibody

Catalog Number: A07626-2

### About BOLL

BOULE, also called BOLL, belongs to the RRM DAZ family. BOULE has been identified as being involved in regulating the development and differentiation of germ cells and playing an essential role in infertility (PMID: 31683986). BOULE is specifically expressed in testis, but not in early embryos, primordial germ cells, and spermatogonial cells. It is first expressed in the cytoplasm of spermatocytes and then persists through meiosis. BOULE has 5 isoforms with the molecular mass of 19 and 31-38 kDa. This antibody detects two bands in testis, the lower band of ~40 kDa in size corresponds to the predicted endogenous BOULE protein, while the upper band may be an isoform or posttranslationally modified version of the BOULE protein (PMID: 27632217).

### Overview

Product Name	Anti-BOULE/BOLL Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-BOULE/BOLL Antibody catalog # A07626-2. Tested in WB, IHC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IF, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q8N9W6

### Technical Details

Immunogen	E.coli-derived human BOULE/BOLL recombinant protein (Position: T3-S280).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

Immunohistochemistry, 1:50-400  
Immunofluorescence, 1:50-400  
ImmunoPrecipitation, 1:250-300  
ELISA, 1:100-1000

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