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Datasheet for ABIN1714670 **anti-BOLL antibody (AA 1-100)**

Overview

Quantity:	100 µL
Target:	BOLL
Binding Specificity:	AA 1-100
Reactivity:	Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BOLL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BOULE
Isotype:	IgG
Cross-Reactivity:	Sheep
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Monkey
Purification:	Purified by Protein A.

Target Details

Target:	BOLL
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Target Details

Alternative Name:	BOULE (BOLL Products)
Background:	<p>Synonyms: Bol Drosophila boule homolog like, Bol, Bol boule like, Bol, boule like Drosophila, bol, boule-like Drosophila, Boll, BOLL_HUMAN, BOULE, Boule like, BOULE, Drosophila, homolog of, Protein boule like, Protein boule-like, Putative uncharacterized protein BOLL.</p> <p>Background: Spermatogenesis represents the intricate developmental process of mitotic and meiotic cell divisions that ultimately leads to the production of haploid spermatozoa. BOULE, a member of the human deleted in azoospermia (DAZ) family, functions as a key conserved switch that regulates the progression of germ cells through meiosis in man. BOULE is an RNA-binding protein that regulates the expression of twine, a Cdc25 phosphatase, which promotes progression through meiosis. BOULE is expressed not only in the testis, but also in the nervous system, where it may play a role in neural communication. Mutations in the BOULE gene are be associated with male infertility, and the relative proportions of the three BOULE isoforms (B1, B2 and B3) may function as predictive markers for meiotic efficiency.</p>
Gene ID:	66037

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months