

**DMRTA2 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP19969b**

### Specification

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#### DMRTA2 Antibody (C-term) - Product Information

Application	IF, WB,E
Primary Accession	<a href="#">O96SC8</a>
Other Accession	<a href="#">A2A9A2</a> , <a href="#">A6OQ94</a> , <a href="#">NP_115486.1</a>
Reactivity	Human, Mouse, Zebrafish
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	53356
Antigen Region	487-515

#### DMRTA2 Antibody (C-term) - Additional Information

Gene ID 63950

#### Other Names

Doublesex- and mab-3-related transcription factor A2, Doublesex- and mab-3-related transcription factor 5, DMRTA2, DMRT5

#### Target/Specificity

This DMRTA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 487-515 amino acids from the C-terminal region of human DMRTA2.

#### Dilution

IF~~1:10~50  
WB~~1:1000

#### Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

DMRTA2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

#### DMRTA2 Antibody (C-term) - Protein Information

Name DMRTA2

### Synonyms DMRT5

**Function** May be involved in sexual development.

### Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00070}.

### Tissue Location

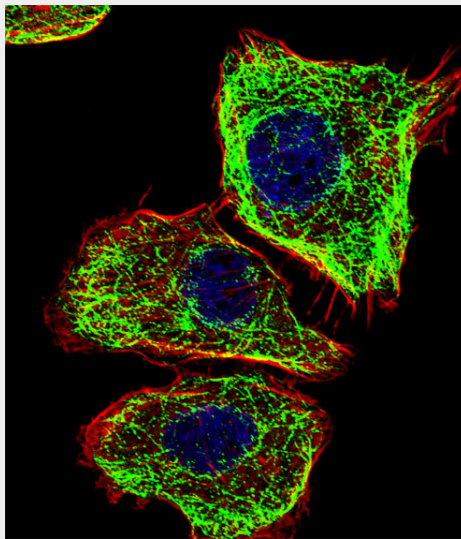
Expressed in testis..

## DMRTA2 Antibody (C-term) - Protocols

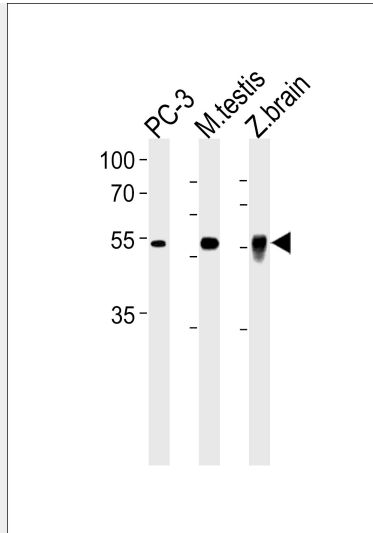
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## DMRTA2 Antibody (C-term) - Images



Fluorescent confocal image of U251 cell stained with DMRTA2 Antibody (C-term)(Cat#AP19969b).U251 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with DMRTA2 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C).Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). DMRTA2 immunoreactivity is localized to Microtubules significantly.



DMRTA2 Antibody (C-term) (Cat. #AP19969b) western blot analysis in PC-3 cell line, mouse testis and zebra fish brain tissue lysates (35ug/lane). This demonstrates the DMRTA2 antibody detected the DMRTA2 protein (arrow).

#### **DMRTA2 Antibody (C-term) - Background**

DMRTA2 may be involved in sexual development.

#### **DMRTA2 Antibody (C-term) - References**

Ottolenghi, C., et al. Genomics 79(3):333-343(2002)