

**DMRTA2 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5104**

**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
Calculated MW	H=53;M=53;Z=47 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

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

**Gene ID** 63950

**Antigen Region**  
487-515

**Other Names**

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

**Dilution**

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

**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.

**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**

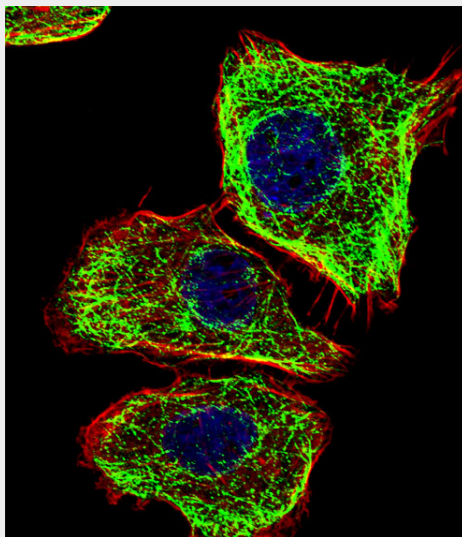
Expressed in testis..

### DMRTA2 Antibody (C-term) - Protocols

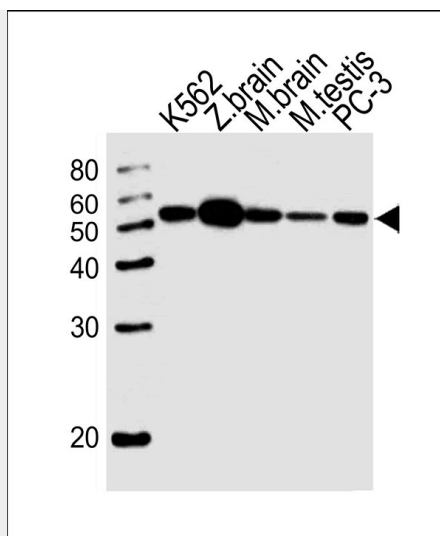
Provided below are standard protocols that you may find useful for product applications.

- [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#AW5104).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.



Western blot analysis of lysates from K562 cell line, zebra fish brain, mouse brain, mouse testis tissue lysate, PC-3 cell line (from left to right), using DMRTA2 Antibody (C-term) (Cat. #AW5104). AW5104 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

#### **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)