

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

Specification

DMRTA2 Antibody (C-term) - Product Information

Application	IF, WB,E
Primary Accession	O96SC8
Other Accession	A2A9A2 , A6OO94 , NP_115486.1
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

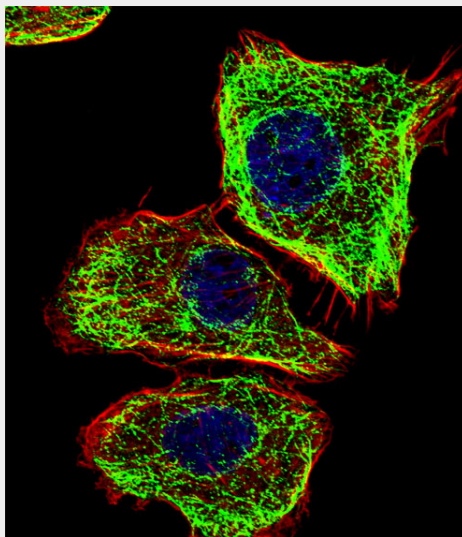
Expressed in testis..

DMRTA2 Antibody (C-term) - Protocols

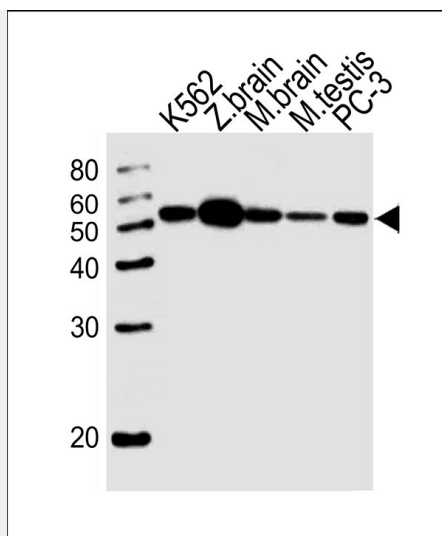
Provided below are standard protocols that you may find useful for product applications.

- [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)