10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DMRTA2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19969b

Product Information

Application	IF, WB, E
Primary Accession	Q96SC8
Other Accession	A2A9A2, A6QQ94, NP_115486.1
Reactivity	Human, Zebrafish, Mouse
Predicted	Bovine, Mouse, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	53356
Antigen Region	487-515

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 E~~Use at an assay dependent concentration.
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.

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..

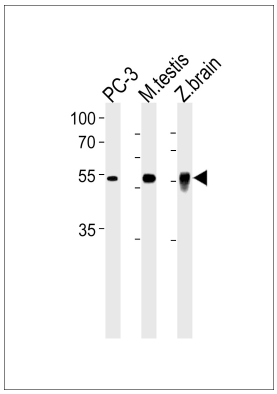
Background

DMRTA2 may be involved in sexual development.

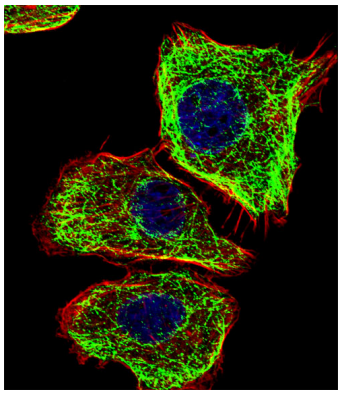
References

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

Images



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).



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.