

Datasheet for ABIN1881263

anti-DMRTA2 antibody (C-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	400 µL
Target:	DMRTA2
Binding Specificity:	AA 487-515, C-Term
Reactivity:	Human, Mouse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DMRTA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	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.
Clone:	RB41920
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DMRTA2
Alternative Name:	DMRTA2 (DMRTA2 Products)

Target Details

Background: DMRTA2 may be involved in sexual development.

Molecular Weight: 53356

NCBI Accession: [NP_115486](#)

UniProt: [Q96SC8](#)

Application Details

Application Notes: IF: 1:10~50. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

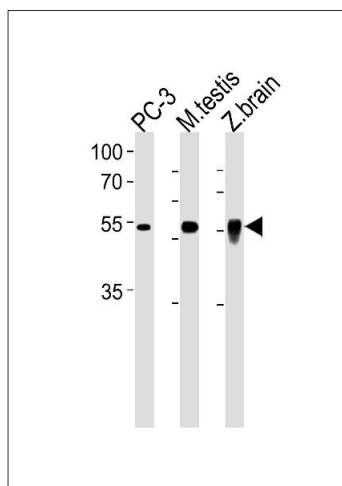
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Expiry Date: 6 months

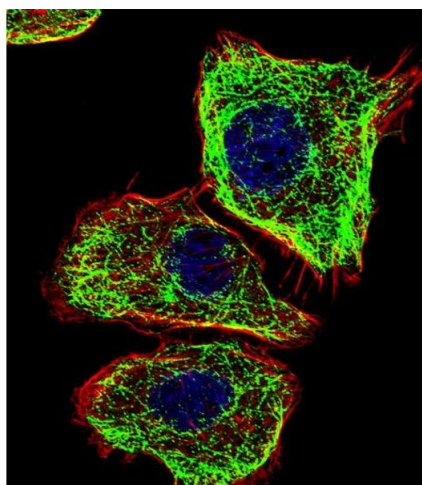
Publications

Product cited in: Ottolenghi, Fellous, Barbieri, McElreavey: "Novel paralogy relations among human chromosomes support a link between the phylogeny of doublesex-related genes and the evolution of sex determination." in: **Genomics**, Vol. 79, Issue 3, pp. 333-43, (2002) ([PubMed](#)).



Western Blotting

Image 1. DMRTA2 Antibody (C-term) (ABIN1881263 and ABIN2838900) western blot analysis in PC-3 cell line, mouse testis and zebra fish brain tissue lysates (35 µg/lane). This demonstrates the DMRTA2 antibody detected the DMRTA2 protein (arrow).



Immunofluorescence

Image 2. Fluorescent confocal image of cell stained with DMRTA2 Antibody (C-term) (ABIN1881263 and ABIN2838900). 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 (7 units/mL, 1 h at 37 °C). Nuclei were counterstained with DAPI (blue) (10 µg/mL, 10 min). DMRTA2 immunoreactivity is localized to Microtubules significantly.