

ARG55229 anti-DMRTA2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DMRTA2
Tested Reactivity	Hu, Ms, Zfsh
Predict Reactivity	Bov
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DMRTA2
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 487-515 (C-terminus) of Human DMRTA2.
Conjugation	Un-conjugated
Alternate Names	Doublesex- and mab-3-related transcription factor A2; Doublesex- and mab-3-related transcription factor 5

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:10 - 1:50
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	PC-3	

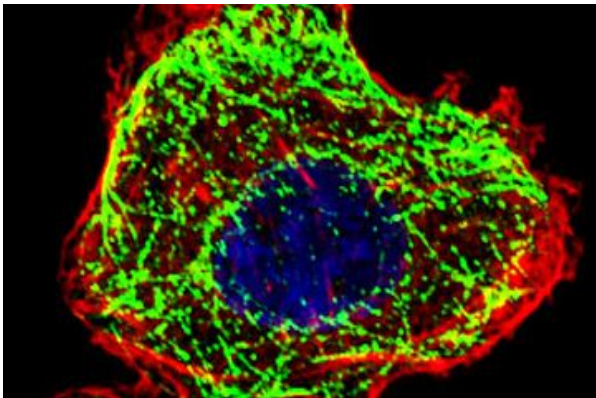
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

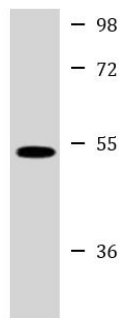
Database links	GeneID: 242620 Mouse
	GeneID: 63950 Human
	Swiss-port # A2A9A2 Mouse
	Swiss-port # Q96SC8 Human
Gene Symbol	DMRTA2
Gene Full Name	DMRT-like family A2
Function	May be involved in sexual development. [UniProt]
Research Area	Developmental Biology antibody; Gene Regulation antibody
Calculated Mw	53 kDa
Cellular Localization	Nucleus {ECO:0000255 PROSITE- ProRule:PRU00070}

Images



ARG55229 anti-DMRTA2 antibody ICC/IF image

Immunofluorescence: U251 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then stained with ARG55229 anti-DMRTA2 antibody (green) at 1:25 dilution, 1 hour at 37°C. Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/ml, 1 hour at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min).



PC-3

ARG55229 anti-DMRTA2 antibody WB image

Western blot: 35 µg of PC-3 cell lysate stained with ARG55229 anti-DMRTA2 antibody.