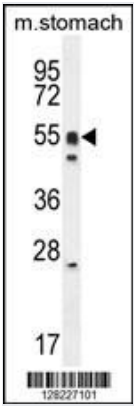
DMRTA1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DMRTA1, Polyclonal Antibody
Full Product Name	DMRTA1, CT (DMRTA1, DMO, Doublesex-and mab-3-related transcription factor A1) (PE)
Product Gene Name	anti-DMRTA1 antibody
Product Synonym Names	DMRTA1; DMO; Doublesex-and mab-3-related transcription factor A1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	53,125 Da
OMIM	614803
3D Structure	ModBase 3D Structure for Q5VZB9
Immunogen	DMRTA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 325-354 amino acids from the C-terminal region of human DMRTA1.
Conjugate	PE
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-DMRTA1 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-DMRTA1 antibody	Western Blot (WB), FLISA
Application Notes for anti-DMRTA1 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-DMRTA1 antibody	MBS6292497 is an antibody targeting DMRTA1. Also known as DMRTA1, CT (DMRTA1, DMO, Doublesex-and mab-3-related transcription factor A1) (PE). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-DMRTA1 antibody	Lowe, J.K., et al. PLoS Genet. 5 (2), E1000365 (2009): Humphray, S.J., et al. Nature 429(6990):369-374(2004). Ottolenghi, C., et al. Genomics 79(3):333-343(2002).
Other Notes	Small volumes of anti-DMRTA1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-DMRTA1 antibody
DMRTA1 Antibody (C-term) western blot analysis in mouse stomach cell line lysates (35ug/lane).This demonstrates the DMRTA1 antibody detected the DMRTA1 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DMRTA1. It may not necessarily be applicable to this product.

NCBI GI #	170763515
NCBI GeneID	63951
NCBI Accession #	NP_071443.2
UniProt Primary Accession #	Q5VZB9
UniProt Secondary Accession #	Q8N8Y9; Q9H4B9; A1L481
UniProt Related Accession #	Q5VZB9
GenBank Nucleotide #	NM_022160.2
NCBI Official Full Name	doublesex- and mab-3-related transcription factor A1
NCBI Official Synonym Full Names	DMRT like family A1
NCBI Official Symbol	DMRTA1
NCBI Official Synonym Symbols	DMO; DMRT4
UniProt Protein Name	Doublesex- and mab-3-related transcription factor A1
Protein Family	Doublesex- and mab-3-related transcription factor
UniProt Gene Name	DMRTA1
UniProt Synonym Gene Names	DMO
UniProt Entry Name	DMRTA_HUMAN
NCBI Protein Information	doublesex- and mab-3-related transcription factor A1
UniProt Comments for DMRTA1	DMRTA1: May be involved in sexual development. Belongs to the DMRT family. Protein type: DNA-binding Chromosomal Location of Human Ortholog: 9p21.3 Cellular Component: nucleus Molecular Function: protein homodimerization activity; metal ion binding; transcription factor activity Biological Process: male mating behavior; transcription, DNA-dependent; ovarian follicle development; regulation of transcription, DNA-dependent; sex differentiation

Research Articles on DMRTA1	**1.** A genome-wide association study reveals 2 new susceptibility loci for atopic dermatitis, XIRP2 and DMRTA1.
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