

Rabbit anti-Zebrafish dmrt3a Polyclonal Antibody | anti-dmrt3a antibody

(DANRE) dmrt3a Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290608	Rabbit	Zebrafish	ELISA, Western Blot

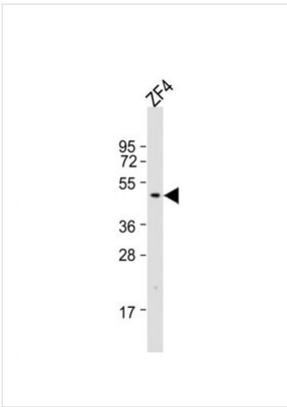
PRODUCT SYNONYMS

dmrt3a; Polyclonal Antibody; (DANRE) dmrt3a Antibody (C-term); Purified Rabbit Polyclonal Antibody (Pab); Doublesex- and mab-3-related transcription factor 3a; Dmrt7a; anti-dmrt3a antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Zebrafish
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DANRE dmrt3a antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 341-375 amino acids from the C-terminal region of DANRE dmrt3a.
Form/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.
Applicable Applications for anti-dmrt3a antibody	ELISA, WB (Western Blot)
Function	Probable transcription factor that plays a role in configuring the spinal circuits controlling motion in vertebrates. Involved in neuronal specification within specific subdivision of spinal cord neurons and in the development of a coordinated locomotor network controlling movements. May regulate transcription (By similarity).
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00070, ECO:0000269 PubMed:18282142}
Tissue Location	Expressed in the developing germ cells of both gonads, mainly in spermatogonia, spermatocytes and developing oocytes Also expressed in embryonic olfactory placode and neural tube.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Anti-dmrt3a Antibody (C-term)at 1:2000 dilution + ZF4 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 49 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-dmrt3a antibody	Probable transcription factor that plays a role in configuring the spinal circuits controlling motion in vertebrates. Involved in neuronal specification within specific subdivision of spinal cord neurons and in the development of a coordinated locomotor network controlling movements. May regulate transcription (By similarity).
Product Categories/Family for anti-dmrt3a antibody	Zebrafish
References	Li Q.,et al.Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases. Howe K.,et al.Nature 496:498-503(2013). Huang X.,et al.J. Exp. Zool. 294:63-67(2002). Li Q.,et al.Biol. Cell 100:453-463(2008).

NCBI AND UNIPROT INFORMATION

NCBI GI #	229577302
NCBI GeneID	450035
NCBI Accession #	NP_001005779.2
NCBI GenBank Nucleotide #	NM_001005779.2
UniProt Accession #	P83758 ; Q4VUS9 ; Q5XJM6 ; Q694V7 ; Q9DD75 ; A2BFC1
Molecular Weight	48965
NCBI Official Full Name	doublesex- and mab-3-related transcription factor 3a
NCBI Official Synonym Full Names	doublesex and mab-3 related transcription factor 3a
NCBI Official Symbol	dmrt3a
NCBI Official Synonym Symbols	dmrt3a1; zDmart3a; zgc:101766
NCBI Protein Information	doublesex- and mab-3-related transcription factor 3a
UniProt Protein Name	Doublesex- and mab-3-related transcription factor 3a
UniProt Gene Name	dmrt3a
UniProt Entry Name	DMT3A_DANRE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

