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(DANRE) dmrt3a Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # Azb21566b

Product Information

Application	WB, E
Primary Accession	P83758
Reactivity	Zebrafish
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB49660
Calculated MW	48965

Additional Information

Gene ID	450035
Other Names	Doublesex- and mab-3-related transcription factor 3a, Dmrt7a, dmrt3a
Target/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.
Dilution	WB~~1:2000 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	(DANRE) dmrt3a Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	dmrt3a
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

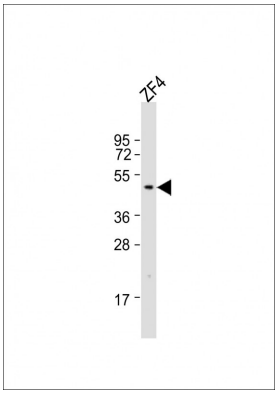
Background

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).

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).

Images



Anti-dmrt3a Antibody (C-term)at 1:2000 dilution + ZF4 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 49 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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