

Zebrafish dmrt3a Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # Azb21566b**Specification**

Zebrafish dmrt3a Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P83758
Reactivity	Zebrafish
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Antigen Region	341-375

Zebrafish dmrt3a Antibody (C-term) - Additional Information**Gene ID** 450035**Other Names**

Doublesex- and mab-3-related transcription factor 3a, Dmrt7a, dmrt3a

Target/Specificity

This Zebrafish 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 zebrafish 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

Zebrafish dmrt3a Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Zebrafish dmrt3a Antibody (C-term) - 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

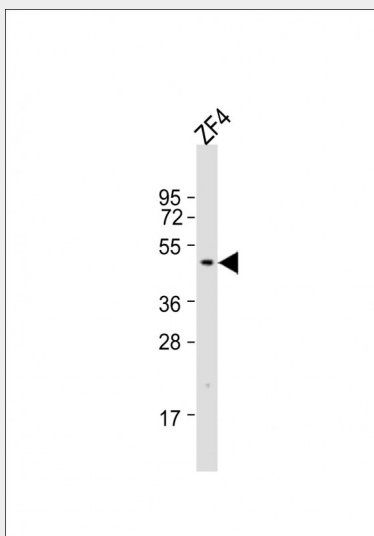
Expressed in the developing germ cells of both gonads, mainly in spermatogonia, spermatocytes and developing oocytes Also expressed in embryonic olfactory placode and neural tube

Zebrafish dmrt3a Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Zebrafish dmrt3a Antibody (C-term) - 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.

Zebrafish dmrt3a Antibody (C-term) - 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).

Zebrafish dmrt3a Antibody (C-term) - 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).