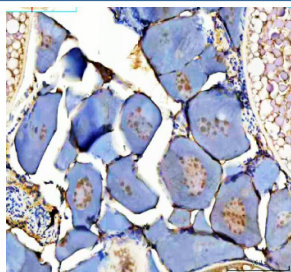


Zebrafish Dmrt1 Antibody / Doublesex and mab 3 related transcription factor 1 (RZ1017)

Catalog No.	Formulation	Size
RZ1017	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q71MM5
Localization	Nuclear
Applications	Immunohistochemistry (FFPE) : 2-5 ug/ml
Limitations	This Zebrafish Dmrt1 antibody is available for research use only.



Immunohistochemical analysis of Zebrafish Dmrt1 protein using Zebrafish Dmrt1 antibody and zebrafish ovary tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

Doublesex and mab-3 related transcription factor 1, also known as DMRT1, is a protein which in humans is encoded by the DMRT1 gene. This gene is found in a cluster with two other members of the gene family, having in common a zinc finger-like DNA-binding motif (DM domain). The DM domain is an ancient, conserved component of the vertebrate sex-determining pathway that is also a key regulator of male development in flies and nematodes. This gene exhibits a gonad-specific and sexually dimorphic expression pattern. Defective testicular development and XY feminization occur when this gene is hemizygous.

Application Notes

Optimal dilution of the Zebrafish Dmrt1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Dmrt1 recombinant protein (amino acids R44-E76) was used as the immunogen for the Zebrafish Dmrt1 antibody.

Storage

After reconstitution, the Zebrafish Dmrt1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.