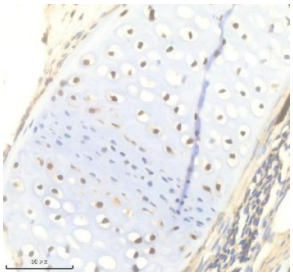
Zebrafish Titin Antibody / TTN (RZ1340)

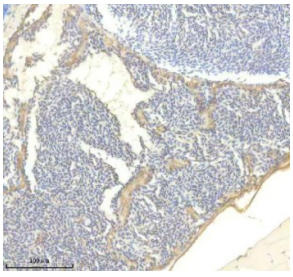
Catalog No.	Formulation	Size
RZ1340	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Species Reactivity	Zebrafish
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Buffer	Lyophilized from a buffered saline solution containing 2% trehalose. Reconstitute with 0.2 mL distilled water to yield a final antibody concentration of 500 ug/mL.
UniProt	A0AB32TZZ1
Applications	Immunohistochemistry (FFPE): 2-5ug/ml
Limitations	This Zebrafish Titin Antibody is available for research use only.



Zebrafish Titin Antibody IHC. Immunohistochemistry analysis of TTN using anti-TTN antibody. TTN was detected in a paraffin-embedded section of zebrafish bone tissue. Heat mediated antigen retrieval was performed in EDTA buffer. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-TTN Antibody overnight at 4oC. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37oC. The tissue section was developed using DAB as the chromogen.



Zebrafish Titin Antibody IHC. Immunohistochemistry analysis of TTN using anti-TTN antibody. TTN was detected in a paraffin-embedded section of zebrafish heart tissue. Heat mediated antigen retrieval was performed in EDTA buffer. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-TTN Antibody overnight at 4oC. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37oC. The tissue section was developed using DAB as the chromogen.

Description

Acts upstream of or within myofibril assembly and skeletal muscle tissue development. Is expressed in several structures,

including cardiovascular system; floor plate; mesoderm; musculature system; and pectoral fin. Human ortholog(s) of this gene implicated in intrinsic cardiomyopathy (multiple) and myopathy (multiple). Orthologous to human TTN (titin).

Application Notes

The optimal working dilution of the Zebrafish Titin Antibody should be determined empirically by the investigator.

Immunogen

An E.coli-derived Zebrafish TTN recombinant protein (amino acids E3602-Q4293) was used as the immunogen for the Zebrafish Titin Antibody.

Storage

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

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