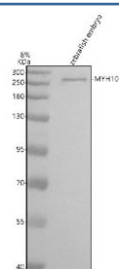


Zebrafish Myosin 10 Antibody / MYH10 (RZ1090)

Catalog No.	Formulation	Size
RZ1090	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	A0A8M3BA62
Applications	Western Blot : 0.5-1 ug/ml
Limitations	This Zebrafish Myosin 10 antibody is available for research use only.



Western blot analysis of MYH10 protein using Myosin 10 antibody and zebrafish embryo tissue lysate. The predicted molecular weight of Myosin 10 is ~229 kDa.

Description

This gene encodes a member of the myosin superfamily. The protein represents a conventional non-muscle myosin; it should not be confused with the unconventional myosin-10 (MYO10). Myosins are actin-dependent motor proteins with diverse functions including regulation of cytokinesis, cell motility, and cell polarity. Mutations in this gene have been associated with May-Hegglin anomaly and developmental defects in brain and heart. Multiple transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the Zebrafish Myosin 10 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish MYH10 recombinant protein (amino acids M4-K37) was used as the immunogen for the Zebrafish Myosin 10 antibody.

Storage

After reconstitution, the Zebrafish Myosin 10 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.