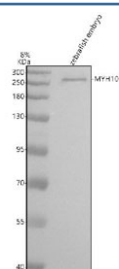


## Zebrafish Myosin 10 Antibody / MYH10 (RZ1090)

| Catalog No. | Formulation                                           | Size   |
|-------------|-------------------------------------------------------|--------|
| RZ1090      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

|                           |                                                                       |
|---------------------------|-----------------------------------------------------------------------|
| <b>Availability</b>       | 2-3 weeks                                                             |
| <b>Species Reactivity</b> | Zebrafish                                                             |
| <b>Format</b>             | Antigen affinity purified                                             |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                            |
| <b>Isotype</b>            | Rabbit Ig                                                             |
| <b>Purity</b>             | Antigen affinity chromatography                                       |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2% Trehalose                             |
| <b>UniProt</b>            | A0A8M3BA62                                                            |
| <b>Applications</b>       | Western Blot : 0.5-1 ug/ml                                            |
| <b>Limitations</b>        | 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.