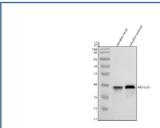


Zebrafish Msi1 Antibody / Musashi 1 / Isoforms a & b (RZ1032)

Catalog No.	Formulation	Size
RZ1032	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	Q5CZN9, Q5BKV4
Applications	Western Blot : 0.5-1 ug/ml
Limitations	This Zebrafish Msi1 antibody is available for research use only.



Western blot analysis of Msi1a/b protein using Zebrafish Msi1 antibody and zebrafish 1) head and 2) embryo tissue lysate. Predicted molecular weight ~39 kDa.

Description

RNA-binding protein Musashi homolog 1 is a protein that in humans is encoded by the MSI1 gene. This gene encodes a protein containing two conserved tandem RNA recognition motifs. Similar proteins in other species function as RNA-binding proteins and play central roles in posttranscriptional gene regulation. Expression of this gene has been correlated with the grade of the malignancy and proliferative activity in gliomas and melanomas. A pseudogene for this gene is located on chromosome 11q13.

Application Notes

Optimal dilution of the Zebrafish Msi1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Msi1a/b recombinant protein (amino acids K23-D56) was used as the immunogen for the Zebrafish Msi1 antibody. This antibody will detect the a and b isoforms.

Storage

After reconstitution, the Zebrafish Msi1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.