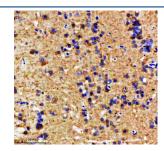


# Zebrafish Mat2a Antibody / Methionine adenosyltransferase 2 / Isoforms a & b (RZ1065)

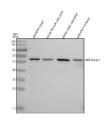
Catalog No.	Formulation	Size
RZ1065	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

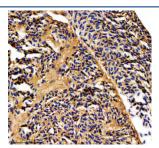
Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	F1QYU7, A0A8M6YZ65
Localization	Cytoplasm
Applications	Western Blot : 0.5-1 ug/ml Immunohistochemistry (FFPE) : 2-5 ug/ml
Limitations	This Zebrafish Mat2a antibody is available for research use only.



IHC staining of FFPE zebrafish brain tissue with Zebrafish Mat2a antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot analysis of Mat2aa/b protein using Zebrafish Mat2a antibody and 1) zebrafish head, 2) whole female zebrafish, 3) whole male zebrafish and 4) zebrafish embryo tissue lysate. Expected molecular weight ~44 kDa.



IHC staining of FFPE zebrafish heart tissue with Zebrafish Mat2a antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

### **Description**

The protein encoded by this gene catalyzes the production of S-adenosylmethionine (AdoMet) from methionine and ATP. AdoMet is the key methyl donor in cellular processes.

# **Application Notes**

Optimal dilution of the Zebrafish Mat2a antibody should be determined by the researcher.

#### **Immunogen**

An E.coli-derived zebrafish Mat2aa/b recombinant protein (amino acids M1-A229) was used as the immunogen for the Zebrafish Mat2a antibody. This antibody will detect the a and b isoforms.

### **Storage**

After reconstitution, the Zebrafish Mat2a antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.