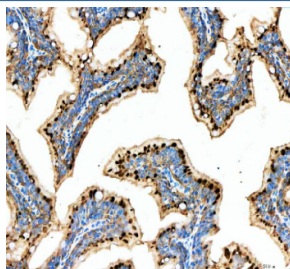


## Zebrafish Mettl3 Antibody / Mt-a70 (RZ1141)

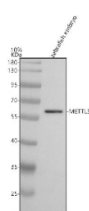
Catalog No.	Formulation	Size
RZ1141	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**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>	F1R777
<b>Localization</b>	Nuclear, cytoplasmic
<b>Applications</b>	Western Blot : 0.5-1 ug/ml Immunohistochemistry (FFPE) : 2-5 ug/ml
<b>Limitations</b>	This Zebrafish Mettl3 antibody is available for research use only.



IHC staining of Mettl3 protein using Zebrafish Mettl3 antibody, HRP secondary and DAB substrate with zebrafish colon tissue lysate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot analysis Mettl3 protein using Zebrafish Mettl3 antibody with zebrafish embryo tissue lysate. The predicted molecular weight of Mettl3 is ~64 kDa.

## Description

N6-adenosine-methyltransferase 70 kDa subunit (METTL3) is an enzyme that in humans is encoded by the METTL3 gene. It is mapped to 14q11.2. This gene encodes the 70 kDa subunit of MT-A which is part of N6-adenosine-methyltransferase. This enzyme is involved in the posttranscriptional methylation of internal adenosine residues in eukaryotic mRNAs, forming N6-methyladenosine.

## Application Notes

Optimal dilution of the Zebrafish Mettl3 antibody should be determined by the researcher.

## Immunogen

An E.coli-derived zebrafish Mettl3 recombinant protein (amino acids D381-D575) was used as the immunogen for the Zebrafish Mettl3 antibody.

## Storage

After reconstitution, the Zebrafish Mettl3 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.